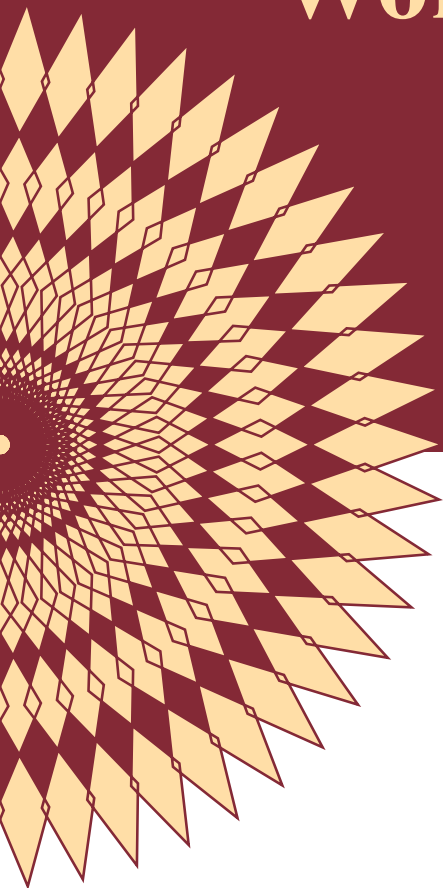




# Workers Compensation

## 34th Annual Statistical Report



2008 Fiscal Year



# **KANSAS DEPARTMENT OF LABOR**

## **Division of Workers Compensation 34<sup>th</sup> Annual Statistical Report Fiscal Year 2008**

**January 2009**

**Jim Garner, Secretary of Labor  
Paula S. Greathouse, Director of Workers Compensation**

**For More Information Contact:**

**KANSAS DEPARTMENT OF LABOR  
Division of Workers Compensation  
Technology and Statistics Unit**

Robert Soria  
800 SW Jackson Street, Suite 600  
Topeka, KS 66612-1227  
(785) 296-4120 ext. 242  
[robert.soria@dol.ks.gov](mailto:robert.soria@dol.ks.gov)

## Important Changes to the FY 2008 34th Annual Statistical Report

### Please note the following changes:

In Section 1, the caption “Figure 1-2” has been added above the chart at the top of page 29, and the figure has been listed in the Lists of Tables and Figures on page 10.

In Section 3, the closed claim comparative analysis now includes the most recent year of the closed claims study. In the past, we only published data up to the previous year for this section. The closed claim comparative analysis can be found under the section heading “Comparative Analysis of 1999-2008 CCS Claims Costs and Temporal Characteristics”. This will affect the following tables:

- Table 3-13 “2008 Closed Claims Study Workers Compensation Claims in Kansas for Calendar Years 1998-2007”
- Table 3-14 “2008 Closed Claims Study Total Claims Costs for Calendar Years 1998-2007”
- Table 3-15 “2008 Closed Claims Study Temporal Characteristics of Claims for Calendar Years 1998-2007”

## MESSAGE FROM THE SECRETARY OF LABOR

Our mission at the Kansas Department of Labor is to enhance the economic well-being of all Kansans through responsive workforce services. During the past year we have continued our efforts within the agency to find ways to modernize our operations. These efforts include business process reviews, scanning millions of paper documents to create electronic files and updating antiquated technology. All of these changes are guided by a goal of improving services to the people and businesses we serve.

Each year, we prepare a report sharing information on the workers compensation division's operations by section for the past fiscal year. We are pleased to present this most recent report. It contains tables of data on the incidence of workplace injuries and illnesses, insurance industry premiums and losses for Kansas, fraud and abuse activity, and revenue and operating expenditures for the Kansas Workers Compensation Fund. The annual report also contains the results of a major statistical study on Kansas workers compensation claims that included cost data for calendar year 2007.

In Fiscal Year 2008, the division processed 15,566 applications for hearings and 5,307 employer elections. The business section issued 200 self-insurance permits to employers, including eight to new applicants. The compliance section established nearly 3,900 employer contacts. This year, the fraud and abuse unit collected \$303,040.96 in restitution and civil penalties. In addition, the ombudsman section answered information requests from 23,072 parties during the fiscal year. The research section responded to more than 54,000 requests for workers compensation histories.

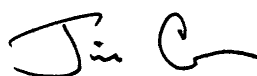
The technology and statistics section, along with the KDOL information technology division, continued to maintain and modify the Electronic Data Interchange (EDI), a system allowing electronic reporting of initial injuries and follow-up reports by insurers. EDI has been well received by Kansas employers and insurers, exceeding our own expectations, with more than 40 trading partners submitting data on behalf of more than 200 insurance carriers and self-insured employers. In FY 2008, more than one-third of all original reports of accidents were filed electronically.

The web-based coverage verification service, which allows external users access to coverage information through the Kansas Department of Labor Web site, averaged 1,328 searches and 898 detailed inquiries per month for FY 2008.

The agency hosted two successful seminars on workers compensation topics during 2008.

I appreciate the hard work and dedication of all the employees in the Division of Workers Compensation. We will continue our efforts to enhance the efficient delivery of services to the people and businesses of Kansas.

Very truly yours,

A handwritten signature in black ink, appearing to read "Jim Garner", with a stylized flourish at the end.

Jim Garner, Secretary of Labor

## INTRODUCTION

The Kansas Legislature enacted the State's first law governing workers compensation, as a no-fault system, more than nine decades ago in 1911. Although many significant changes to its provisions have been made since then, the basic premise and purpose of the law have remained much the same. The premise is that those injured in industrial accidents should be compensated regardless of who is at fault. The purpose is to provide protection to the injured employee through employer safety efforts, medical treatment and partial compensation for lost income.<sup>1</sup>

Until 1939, the responsibility for administering the workers compensation law resided with a "workmen's compensation commissioner" whose authority extended from a series of public commissions to which the position reported, including the Public Safety Commission in the 1920s and the Commission of Labor and Industry in the 1930s. In 1939, the Kansas Legislature created and transferred jurisdiction over workers compensation to a stand-alone agency named the Office of the Workmen's Compensation Commissioner. In 1961, the legislature reorganized the office again, into the Office of the Director of Workers Compensation. This office subsequently became a division under the Department of Labor. Today's Division of Workers Compensation, while having grown and undergone considerable organizational changes, is essentially the same agency created in 1939.

The current workers compensation law covers all employers in Kansas, regardless of the number of employees or the kind of work they do, with two exceptions: employers engaged in agricultural pursuits and any employer who during a given calendar year has an estimated payroll less than \$20,000, unless the employer is a subcontractor. The State of Kansas pays no workers compensation benefits to injured workers unless they are state employees. Private employers pay all benefits owed to their injured workers, either directly from the employer's own resources or indirectly through another party. While most covered employers obtain insurance from private carriers or group pools, provisions in the law establish criteria for certain employers to become self-insured. Potentially eligible employers must apply for approval to use the self-insurance option from the Director of Workers Compensation. Criteria include continuous operation for at least five years, a minimum level of after-tax earnings and a minimum debt/equity ratio. The Kansas Insurance Department approves the formation of group-funded self-insurance pools and determines whether employers qualify for membership in a pool.

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<sup>1</sup> *Madison v. Key Work Clothes*, 182 Kan. 186, 192, 318 P. 2d 991 (1957).

## BENEFITS INFORMATION

### COMPENSATION

Kansas' workers compensation law requires that an employer or its insurance carrier pay an injured employee two-thirds of the employee's gross average weekly wage, up to the amount of the applicable maximum benefits listed below. To find the appropriate maximum using the list below, look for the range of dates that contain the date of injury and then go to the right to find the maximum dollar amount of the benefit. For example, if the date of injury was August 21, 2008, the maximum weekly benefit one could receive would be \$529. The actual amount a worker receives is the lesser of two amounts: either two-thirds of the worker's gross average weekly wage or the maximum in effect at the date of the injury. This effective maximum does not change over the life of one's claim, even though the maximum benefit level for each new 12-month interval usually increases by a small amount.

#### Maximum Compensation Schedule

| Date of Injury                 | Maximum Benefit |
|--------------------------------|-----------------|
| July 1, 1998-June 30, 1999     | \$366           |
| July 1, 1999-June 30, 2000     | \$383           |
| July 1, 2000-June 30, 2001     | \$401           |
| July 1, 2001-June 30, 2002     | \$417           |
| July 1, 2002-June 30, 2003     | \$432           |
| July 1, 2003-June 30, 2004     | \$440           |
| July 1, 2004-June 30, 2005     | \$449           |
| July 1, 2005-June 30, 2006     | \$467           |
| July 1, 2006-June 30, 2007     | \$483           |
| July 1, 2007-June 30, 2008     | \$510           |
| July 1, 2008-June 30, 2009     | \$529           |
| <b>Current Weekly Minimum:</b> | <b>\$25</b>     |

### MEDICAL

A person injured on the job is entitled to all medical treatment that may be needed to cure or relieve the effects of the injury. Under the law, the employer has the right to choose the treating physician. If the worker seeks treatment from a doctor not authorized or agreed upon by the employer, the insurance company is only liable for a maximum of \$500 toward such medical bills. The employee does have the right to apply to the Director of Workers Compensation for a change of doctor. An injured worker is generally entitled to mileage reimbursement for trips to see a physician for distances in excess of five miles for the round trip. The injured worker generally also can obtain reimbursement if transportation must be hired. Weekly compensation is payable at the above applicable rate for the duration of the disability. In no case can such payments exceed a total of \$125,000 for permanent total or \$100,000 for permanent partial or temporary disability.

## BENEFITS INFORMATION

### CATEGORIES OF DISABILITY COMPENSATION BENEFITS

**Temporary Total Disability** is paid when the employee, due to an injury, is unable to engage in any type of substantial and gainful employment. Benefits are paid for the duration of the disability.

**Permanent Total Disability** is paid when the employee, due to an injury, has been rendered completely and permanently incapable of engaging in any type of substantial and gainful employment. The loss of both eyes, both hands, both arms, both feet or both legs, and any combination thereof, in the absence of proof to the contrary, shall also constitute a permanent total disability. Substantially total paralysis, or incurable imbecility or insanity, resulting from injury independent of all other causes, also shall constitute permanent total disability.

**Permanent Partial Scheduled Disability** is paid when the employee sustains complete or partial loss of use of a body part, such as an arm, due to a job-related injury. Compensation is limited to a percentage of the scheduled number of weeks.

**Permanent Partial General Disability** is paid when the employee sustains permanent partial disability not specifically covered by the schedule. Compensation is based on the percentage of disability remaining after recovery and is limited to 415 weeks.

**Survivors' Benefits** of \$250,000 are paid to an employee's surviving spouse and dependent children if death occurs as a result of injury. If there is no surviving spouse or dependents, the legal heirs are entitled to \$25,000. Burial expenses up to \$5,000 also are covered.

## **ACKNOWLEDGEMENTS**

This 34<sup>th</sup> Annual Statistical Report would not have been possible without the dedication and resourcefulness of the following people and organizations:

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Beth Martino, Assistant Secretary

### **Division of Workers Compensation**

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David Sprick, Research Analyst and contributing author

Robert Soria, Research Analyst and principal author

Ronnie Ching, Research Analyst

Georgia Rogers, Research Analyst

Jessica Clemmons, Program Consultant

### **Cover designed by:**

Connie Hammond, KDOL Division of Marketing and Communications

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Sue Henke, KDOL Division of Marketing and Communications

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Special thanks are due to the carriers, group pools and self-insured entities that were asked to participate in the call for data that allowed the division to include an analysis of closed claims in Kansas in Section 3.



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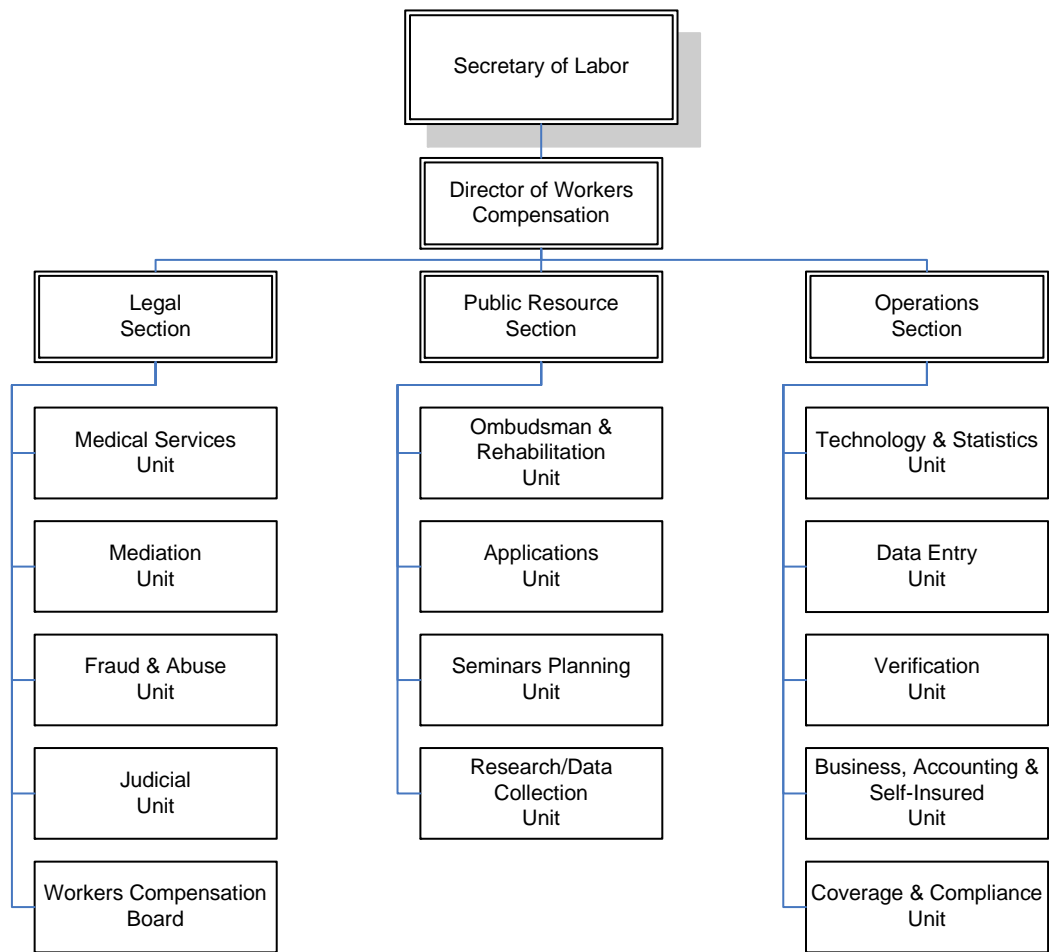
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# **Section 1**

## **Administrative Profile of the Kansas Division of Workers Compensation FY 2008**

**Figure 1-1**  
**Organizational Chart**  
**Kansas Department of Labor**  
**Division of Workers Compensation**  
**FY 2008**



## OPERATIONS SECTION

### Business, Accounting and Self-Insured

The workers compensation self-insured unit is responsible for administering the State Self-Insurance program and for granting the privilege to employers that meet the standard under an extensive company and financial review to self insure. Self-insurance is one of the three methods that an employer may use to insure his or her workers' compensation liability. Only those companies that demonstrate adequate financial stability are approved to independently assume the responsibilities of workers compensation law. The staffing in the self-insured unit allows an extensive review of each self-insured employer which may include an on-site visit as well as a more extensive review of open accidents for security determination. There are currently 200 employers in Kansas that are approved for self-insurance, pursuant to K.S.A. 44-532 and K.A.R. 51-14-4.

This section's responsibility also entails the assessment of fees used to pay for the expenses necessary to administer the workers compensation law. The business and accounting unit also manages all assessment accounting, mathematical calculations, data accumulation and storage, voucher preparation, fee fund deposits and registration for the division's Workers Compensation Seminar.

Other important unit functions include ordering and accounting for equipment and supplies for the Division of Workers Compensation. The unit also sells the Workers Compensation Law Book and the Medical Fee Schedule. In addition, the unit prepares the annual division fiscal year budget.

**Table 1-1**  
**Assessments Collected To Finance FY 2009**

| Description                                    | Amount Collected |
|--|------------------|
| Reported losses paid in calendar year 2007     | \$418,128,837    |
| Current assessment factor                      | 0.0288           |
| Assessments collected during fiscal year 2008  | \$11,689,212     |
| Number of carriers and self-insurers reporting | 895              |

Source: Kansas Division of Workers Compensation

**Table 1-2**  
**Self-Insurance Summary**

| Activity                             | FY 08 | FY 07 | FY06 | FY 05 | FY 04 | FY 03 | FY 02 |
|--------------------------------------|-------|-------|------|-------|-------|-------|-------|
| Employers' New Applications Approved | 8     | 7     | 9    | 8     | 37    | 17    | 31    |
| Canceled Permits                     | 8     | 20    | 28   | 10    | 47    | 30    | 24    |
| Qualified Employers                  | 200   | 200   | 213  | 232   | 234   | 244   | 257   |
| Group-Funded Pools in Force          | 15    | 15    | 15   | 15    | 15    | 15    | 15    |

Source: Kansas Division of Workers Compensation

## **OPERATIONS SECTION**

### **Coverage and Compliance**

The compliance unit, with a staff of three employees, ensures that all businesses in Kansas are in compliance with and are aware of their responsibilities regarding the Workers Compensation Act. The unit administers and enforces mandated proof of coverage and compliance. Compliance works closely with the data entry and verification units to ensure that all of the accident reports are accurately received in regard to the reporting requirements of the first report of injury. A floater, who is well-versed in all aspects of coverage and compliance, works for the unit and is assigned to other units as needed.

In FY 2008, the compliance unit made 3,831 contacts with businesses. Of those businesses, 1,802 might have been noncompliant. Approximately 231 of those businesses were referred to the fraud unit for further investigation and possible prosecution. The investigations by the compliance unit led to 749 businesses obtaining coverage.

This year as in the past the coverage and compliance unit worked closely with the National Council on Compensation Insurance (NCCI) in collecting information from the data providers licensed to write workers compensation insurance in Kansas. The unit has access to Alternative IAIABC Proof of Coverage (AIPOC), POC On-Line and Coverage Verification with NCCI. The AIPOC program allows the unit to cross match the AIPOC database with unemployment insurance records for a check on the employers not in compliance. The AIPOC program has been highly successful, which reflects in the decreasing numbers in each of the areas of research. The coverage verification program Web site provides public access to portions of the information reported by private workers compensation insurance carriers for use by the Kansas Department of Labor (KDOL). This program has been a successful avenue for obtaining employer coverage information via the Internet and allows the public to check on an employer's workers compensation insurance coverage status on certain dates. In FY 2008 the public accessed the Web site 6,399 times and did 15,931 searches for current coverage for an employer. The public inquired 10,776 times for more detailed information on those employers for which they were searching. This service has allowed staff to concentrate efforts in other areas of work which in turn has helped decrease the total contact numbers.

### **Data Entry**

The data entry unit, consisting of six staff members, ensures that all received accident reports are properly processed and checked for complete information. If any reports are not complete and legible, the report may be returned to the employer for correction. The reports provide information for coding about body part, cause, nature and source of the injury. Once coded, the reports are keyed into the Web-based database system in a timely fashion.

Carrier and employer information is gathered from filed accident reports. Any discrepancies between employer and insurance carrier's information on the accident reports and the database are resolved at this point. Both election forms and EDI reports are researched for correct information on new and existing forms and reports. The reports in the database generate labels

for letters to the injured workers which answer questions about benefits and procedures. Statistics used in this annual statistical report are developed from the information in the accident reports.

### **Verification**

The verification unit confirms reported Social Security numbers as submitted on first reports of injury on new and existing claimants with the Social Security Administration. In addition, the unit updates names and addresses for existing claimants in the database. EDI reports are reviewed and edited via the EDI control panel.



## OPERATIONS SECTION

### Technology and Statistics

The technology and statistics unit is responsible for delivering workers compensation information to the Kansas Department of Labor, the legislature and the general public through:

- an annual statistical report,
- a Web site and
- reports from research studies and evaluations.

Specifically, this unit is responsible for research studies mandated by statute, including studies of closed claims and the effectiveness of the Workers Compensation Act. The staff collects data as needed or requested, as well as conducts survey instrument research design, data collection, statistical analysis and reporting. The staff responds to individual research requests from both internal and external customers.

The technology and statistics unit administers the division's statutory Electronic Data Interchange (EDI) program, an electronic method for insurance carriers and self-insured employers to report occupational injury and workers compensation claims cost data by utilizing the International Association of Industrial Accident Boards and Commissions' (IAIABC) national data standard. The program went into production in November 2003. By the close of fiscal year 2008, more than 40 trading partners, sending on behalf more than 200 insurance carriers and 20 self-insured employers, were using EDI to send first and second reports of injuries to the division. The average weekly volume of EDI first reports of injury constitute 36 percent of the total number of accident reports filed with the division (the total includes paper and EDI reports).

The unit also maintains several data marts of workers compensation claims information on work-related accidents in the state of Kansas. Unit staff work extensively with the information services division of the Kansas Department of Labor to resolve the division's operational database implementation issues, and continue to maintain and enhance the database to insure data integrity and accuracy for both the division's administrative and statistical needs. In addition, the unit manages all content for the division's Web pages located on the KDOL Web site.

## LEGAL SECTION

### Workers Compensation Appeals Board

The Workers Compensation Appeals Board conducts de novo review of appeals from decisions entered by the ten administrative law judges. The board, which was established in 1993, replaced the Director of the Division of Workers Compensation and the State's District Court judges in the appellate process. Appeals of the board's decisions are taken directly to the Kansas Court of Appeals.

The board has jurisdiction to review appeals from all final orders and certain preliminary hearing orders entered by the administrative law judges. It is the board's objective to make timely decisions while maintaining consistency and fairness within the law.

During fiscal year 2008, the Appeals Board issued 466 decisions. The board received 482 applications for review during that period and had a total of 535 dispositions (which include dismissals and settlements).

The board's Web site is: [www.dol.ks.gov/wcboard/wcappeal\\_RES.html](http://www.dol.ks.gov/wcboard/wcappeal_RES.html).

## LEGAL SECTION

### Administrative Law Judges

The division employs 10 full-time administrative law judges to hold hearings and issue decisions in contested workers compensation claims. The division also utilizes special administrative law judges to hold settlement hearings and approve settlements between the parties. The administrative law judges are located in five offices throughout the state: Garden City, Wichita, Overland Park, Topeka and Salina. Hearings also are conducted in satellite locations including Cimarron, Ellsworth, Emporia, Great Bend, Hays, Hutchinson, Independence, Lawrence, Liberal, McPherson, Ottawa and Pittsburg.

In fiscal year 2008, 6,709 hearings were held by the judicial section. Of these, 1,882 hearings were preliminary hearings, 232 were motion hearings, 694 were regular hearings, 47 were settlement hearings, 37 were review and modifications hearings and 118 were post-award medical hearings (see Table 1-3).

**Table 1-3**  
**Hearings Held FY 2008**

| Hearing                            | No. of Hearings Held | % of Total Hearings Held |
|------------------------------------|----------------------|--------------------------|
| Preliminary                        | 1,882                | 28.1%                    |
| Motion                             | 232                  | 3.5%                     |
| Regular                            | 694                  | 10.3%                    |
| Settlement                         | 47                   | 0.7%                     |
| Pre-Hearing Settlement Conferences | 3,699                | 55.1%                    |
| Review & Modify                    | 37                   | 0.6%                     |
| Post Award Medical                 | 118                  | 1.8%                     |
| <b>Total</b>                       | <b>6,709</b>         | <b>100.0%</b>            |

Source: Kansas Division of Workers Compensation

Table 1-3 does not include settlement hearings conducted by part-time Special Administrative Law Judges. A total of 3,582 settlement hearings were held by Special Administrative Law Judges in FY 2008. Of these, 3,533 were docketed cases and 49 were undocketed cases.

The tables that follow provide a more detailed representation of the data found in Table 1-3. Table 1-4 displays the number of hearings held by Administrative Law Judges organized by type of hearing and the number of hearings held each month of the 2008 fiscal year. The highest number of hearings (682) was held in April. Of those, approximately 58 percent were pre-hearing settlement conferences, 24 percent were preliminary hearings and 12 percent were regular hearings. August had the second most hearings held (671). Of the hearings held in August, 53 percent were pre-hearing settlement conferences, 32 percent were preliminary hearings, and 8 percent were regular hearings.

**Table 1-4**  
**Administrative Law Judges Monthly Case Report**  
**by Hearing Type FY 2008**

| Month       | Hearing Type |        |         |            |  |                       |                           | Grand Total |
|-------------|--------------|--------|---------|------------|--|-----------------------|---------------------------|-------------|
|             | Preliminary  | Motion | Regular | Settlement | Pre-Hearing<br>Settlement<br>Conferences | Review<br>&<br>Modify | Post-<br>Award<br>Medical |             |
| July        | 130          | 21     | 42      | 1          | 286                                      | 4                     | 3                         | 487         |
| August      | 212          | 28     | 53      | 4          | 358                                      | 4                     | 12                        | 671         |
| September   | 152          | 18     | 47      | 2          | 273                                      | 5                     | 14                        | 511         |
| October     | 180          | 22     | 83      | 5          | 335                                      | 5                     | 19                        | 649         |
| November    | 151          | 22     | 54      | 6          | 325                                      | 3                     | 7                         | 568         |
| December    | 122          | 13     | 47      | 1          | 223                                      | 1                     | 8                         | 415         |
| January     | 165          | 17     | 55      | 4          | 301                                      | 3                     | 9                         | 554         |
| February    | 162          | 12     | 65      | 6          | 312                                      | 3                     | 8                         | 568         |
| March       | 114          | 13     | 53      | 6          | 270                                      | 2                     | 10                        | 468         |
| April       | 167          | 22     | 82      | 6          | 397                                      | 1                     | 7                         | 682         |
| May         | 170          | 25     | 54      | 4          | 282                                      | 3                     | 10                        | 548         |
| June        | 157          | 19     | 59      | 2          | 337                                      | 3                     | 11                        | 588         |
| Grand Total | 1,882        | 232    | 694     | 47         | 3,699                                    | 37                    | 118                       | 6,709       |

Source: Kansas Division of Workers Compensation

Table 1-5 displays the number of hearings held by location for each month of FY 2008. Wichita had the most hearings in FY 2008 (2,235), followed closely by Overland Park (2,227).

**Table 1-5**  
**Administrative Law Judges Monthly Case Report**  
**by Hearing Location FY 2008**

| Month       | Hearing Location |        |                             |         | Grand Total |
|-------------|------------------|--------|-----------------------------|---------|-------------|
|             | Overland Park    | Topeka | Western Kansas <sup>1</sup> | Wichita |             |
| July        | 145              | 89     | 78                          | 175     | 487         |
| August      | 231              | 129    | 110                         | 201     | 671         |
| September   | 166              | 103    | 60                          | 182     | 511         |
| October     | 190              | 138    | 79                          | 242     | 649         |
| November    | 175              | 108    | 115                         | 170     | 568         |
| December    | 161              | 57     | 59                          | 138     | 415         |
| January     | 192              | 121    | 62                          | 179     | 554         |
| February    | 189              | 109    | 72                          | 198     | 568         |
| March       | 171              | 95     | 66                          | 136     | 468         |
| April       | 236              | 118    | 101                         | 227     | 682         |
| May         | 146              | 96     | 99                          | 207     | 548         |
| June        | 225              | 89     | 94                          | 180     | 588         |
| Grand Total | 2,227            | 1,252  | 995                         | 2,235   | 6,709       |

<sup>1</sup> Garden City and Salina locations combined

Source: Kansas Division of Workers Compensation

Table 1-6 combines the data found in Tables 1-4 and 1-5 into one table.

**Table 1-6**  
**Administrative Law Judges Monthly Case Report FY 2008**

| Location                    | Hearing Type                       | Month |     |     |     |     |     |     |     |     |     |     |     | Grand Total |
|-----------------------------|------------------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------|
|                             |                                    | Jul   | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun |             |
| Overland Park               | Preliminary                        | 29    | 89  | 52  | 51  | 33  | 47  | 56  | 46  | 36  | 54  | 48  | 57  | 598         |
|                             | Motion                             | 12    | 9   | 11  | 14  | 4   | 5   | 7   | 5   | 6   | 11  | 0   | 10  | 94          |
|                             | Regular                            | 10    | 13  | 12  | 24  | 17  | 22  | 19  | 21  | 14  | 28  | 21  | 16  | 217         |
|                             | Settlement                         | 1     | 2   | 0   | 0   | 3   | 1   | 1   | 5   | 2   | 0   | 0   | 0   | 15          |
|                             | Pre-Hearing Settlement Conferences | 90    | 114 | 88  | 98  | 116 | 83  | 107 | 109 | 109 | 141 | 72  | 139 | 1,266       |
|                             | Review and Modify                  | 2     | 1   | 0   | 1   | 2   | 0   | 0   | 1   | 1   | 0   | 0   | 0   | 8           |
|                             | Post-Award Medical                 | 1     | 3   | 3   | 2   | 0   | 3   | 2   | 2   | 3   | 2   | 5   | 3   | 29          |
|                             | Total                              | 145   | 231 | 166 | 190 | 175 | 161 | 192 | 189 | 171 | 236 | 146 | 225 | 2,227       |
| Topeka                      | Preliminary                        | 24    | 37  | 29  | 35  | 39  | 21  | 38  | 32  | 22  | 27  | 26  | 22  | 352         |
|                             | Motion                             | 0     | 2   | 1   | 2   | 4   | 1   | 3   | 2   | 0   | 2   | 6   | 1   | 24          |
|                             | Regular                            | 12    | 15  | 7   | 22  | 11  | 6   | 12  | 10  | 14  | 21  | 13  | 10  | 153         |
|                             | Settlement                         | 0     | 2   | 0   | 3   | 2   | 0   | 1   | 1   | 1   | 3   | 4   | 1   | 18          |
|                             | Pre-Hearing Settlement Conferences | 52    | 70  | 65  | 74  | 51  | 28  | 65  | 63  | 56  | 64  | 46  | 53  | 687         |
|                             | Review and Modify                  | 1     | 2   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 4           |
|                             | Post-Award Medical                 | 0     | 1   | 1   | 2   | 1   | 1   | 2   | 1   | 2   | 1   | 0   | 2   | 14          |
|                             | Total                              | 89    | 129 | 103 | 138 | 108 | 57  | 121 | 109 | 95  | 118 | 96  | 89  | 1,252       |
| Western Kansas <sup>1</sup> | Preliminary                        | 29    | 32  | 16  | 32  | 18  | 20  | 22  | 21  | 18  | 34  | 28  | 25  | 295         |
|                             | Motion                             | 4     | 9   | 5   | 3   | 6   | 5   | 5   | 2   | 3   | 5   | 8   | 6   | 61          |
|                             | Regular                            | 6     | 5   | 8   | 3   | 9   | 4   | 3   | 10  | 7   | 6   | 4   | 4   | 69          |
|                             | Settlement                         | 0     | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 3   | 3   | 0   | 1   | 8           |
|                             | Pre-Hearing Settlement Conferences | 39    | 61  | 25  | 40  | 80  | 28  | 28  | 38  | 34  | 53  | 58  | 57  | 541         |
|                             | Review and Modify                  | 0     | 0   | 1   | 0   | 1   | 1   | 2   | 0   | 0   | 0   | 0   | 0   | 5           |
|                             | Post-Award Medical                 | 0     | 3   | 5   | 1   | 1   | 1   | 1   | 1   | 1   | 0   | 1   | 1   | 16          |
|                             | Total                              | 78    | 110 | 60  | 79  | 115 | 59  | 62  | 72  | 66  | 101 | 99  | 94  | 995         |
| Wichita                     | Preliminary                        | 48    | 54  | 55  | 62  | 61  | 34  | 49  | 63  | 38  | 52  | 68  | 53  | 637         |
|                             | Motion                             | 5     | 8   | 1   | 3   | 8   | 2   | 2   | 3   | 4   | 4   | 11  | 2   | 53          |
|                             | Regular                            | 14    | 20  | 20  | 34  | 17  | 15  | 21  | 24  | 18  | 27  | 16  | 29  | 255         |
|                             | Settlement                         | 0     | 0   | 2   | 2   | 1   | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 6           |
|                             | Pre-Hearing Settlement Conferences | 105   | 113 | 95  | 123 | 78  | 84  | 101 | 102 | 71  | 139 | 106 | 88  | 1,205       |
|                             | Review and Modify                  | 1     | 1   | 4   | 4   | 0   | 0   | 1   | 2   | 1   | 1   | 2   | 3   | 20          |
|                             | Post-Award Medical                 | 2     | 5   | 5   | 14  | 5   | 3   | 4   | 4   | 4   | 4   | 4   | 5   | 59          |
|                             | Total                              | 175   | 201 | 182 | 242 | 170 | 138 | 179 | 198 | 136 | 227 | 207 | 180 | 2,235       |
| Grand Total                 |                                    | 487   | 671 | 511 | 649 | 568 | 415 | 554 | 568 | 468 | 682 | 548 | 588 | 6,709       |

<sup>1</sup> Garden City and Salina locations combined

Source: Kansas Division of Workers Compensation

Table 1-7 displays the Administrative Law Judge preliminary order activity. It represents requests by order type and whether each was denied or granted.

**Table 1-7**  
**Administrative Law Judges Preliminary Order Activity FY 2008**

| Preliminary Order                     | Granted               |           |                | Denied               |          |                | Total         |                   |
|---------------------------------------|-----------------------|-----------|----------------|----------------------|----------|----------------|---------------|-------------------|
|                                       | No. of orders granted | % Granted | % Total Orders | No. of orders denied | % Denied | % Total Orders | No. of orders | % of Total Orders |
| Penalty                               | 56                    | 77.8%     | 3.3%           | 16                   | 22.2%    | 0.9%           | 72            | 4.2%              |
| Change Physician                      | 8                     | 40.0%     | 0.5%           | 12                   | 60.0%    | 0.7%           | 20            | 1.2%              |
| Additional Medical                    | 38                    | 35.2%     | 2.2%           | 70                   | 64.8%    | 4.1%           | 108           | 6.4%              |
| Preliminary Temporary Total & Medical | 1,267                 | 84.5%     | 74.6%          | 232                  | 15.5%    | 13.7%          | 1,499         | 88.2%             |
| Temporary Total                       | 230                   | 74.7%     | 13.5%          | 78                   | 25.3%    | 4.6%           | 308           | 18.1%             |
| Medical                               | 646                   | 86.8%     | 38.0%          | 98                   | 13.2%    | 5.8%           | 744           | 43.8%             |
| Temporary Total & Medical             | 370                   | 86.9%     | 21.8%          | 56                   | 13.1%    | 3.3%           | 426           | 25.1%             |
| Temporary Total, not Medical          | 3                     | n/a       | 0.2%           | n/a                  | n/a      | n/a            | 3             | 0.2%              |
| Medical, not Temporary Total          | 18                    | n/a       | 1.1%           | n/a                  | n/a      | n/a            | 18            | 1.1%              |
| Total Preliminary Orders*             | 1,369                 | 80.6%     | 80.6%          | 330                  | 19.4%    | 19.4%          | 1,699         | 100.0%            |

\*Does not include terminating orders.

Source: Kansas Division of Workers Compensation

## LEGAL SECTION

### Mediation

Upon the request of any party to a workers compensation claim and the acceptance of the other party (or parties), the parties may opt to participate in a mediation conference. Mediation is a means of resolving disputes in an informal, non-adversarial setting where the parties make use of a neutral third party to facilitate their discussion. The purpose of mediation is to assist the parties in reaching agreement on any disputed issues in a workers compensation claim.

Mediation conferences are conducted by mediators appointed by the director. Mediators utilized by the director are required to be qualified pursuant to the Dispute Resolution Act, K.S.A. 5-501 *et seq.*, and relevant rules of the Kansas Supreme Court as authorized by K.S.A. 5-510. Mediation conferences are conducted in accordance with the Dispute Resolution Act. Individuals with final settlement authority for each party must be present, in person or by video, at the mediation conference. The division currently has three approved mediators on staff that is available for travel statewide to mediate any disputed issue arising from a workers compensation claim.

In fiscal year 2008 the division initiated 45 mediation contacts per week on average. This involved calling parties and inquiring whether they were interested in mediating particular cases. Just under 70 mediation conferences were scheduled during fiscal year 2008 and 49 mediation conferences were conducted. As displayed in Table 1-8, 11 resulted in full agreement, nine resulted in a partial agreement and 28 reached no agreement. It should be noted that many cases that do not result in agreement at the mediation conference settle at some future point. While the parties may reach agreement in principle during the mediation conference, they often need additional time to consider and reflect on proposed terms or verify information exchanged during the mediation conference before finalizing an agreement. These conferences are reported as non-agreed even though they may lay the groundwork for later resolution of issues at hand.

**Table 1-8**  
**Mediation FY 2008**

|  |    |
|--|----|
| Held                                       | 49 |
| Claims Resolved - Agreement Reached        | 11 |
| Claims Partly Resolved - Agreement Reached | 9  |
| Claims Unresolved - Agreement Not Reached  | 28 |

Source: Kansas Division of Workers Compensation



## LEGAL SECTION

### Medical Services

The medical services unit provides both administrative and developmental services for the medical fee schedule. Additionally, medical services administers utilization and peer review programs, acting as a liaison for all parties involved in health care related workers compensation issues. The medical services unit works closely with the Kansas Department of Health and Environment to assure that payments to health care providers remain current, reasonable and fair.

The current version (7<sup>th</sup> Revision) of the *Kansas Workers Compensation Schedule of Medical Fees* was implemented January 1, 2008. This revision was refined to incorporate modifications of a Resource Based Relative Value System (RBRVS) to enhance reimbursement validity. Although not mandated for use, the *Official Disability Guidelines - Treatment in Workers Compensation* (ODG), has been adopted as the primary standard of reference for evidence-based medicine used in caring for injured workers. Options are being evaluated to better define “usual and customary charges,” so as to assure that payments to both hospitals and ambulatory surgical centers maintain cost containment, yet remain reasonable and fair.

The next revision of the medical fee schedule is being planned for implementation January 1, 2010.

## LEGAL SECTION

### Fraud and Abuse

The workers compensation fraud and abuse investigation unit was established in 1994. The unit is staffed with three special investigators, an administrative specialist and an assistant attorney general who supervises the unit. The unit's responsibilities include identifying and investigating potential violations of the workers compensation laws, as set forth in K.S.A. 44-532; K.S.A. 44-557; K.S.A. 44-5,120; and K.S.A. 44-5,125. Provable violations may be taken before an administrative hearing officer or may be presented to local county or district attorneys for criminal prosecution.

In fiscal year 2008, the fraud and abuse unit received 791 referrals (see Table 1-9). Of these referrals, 783 cases were opened and 72 were referred for administrative charges. Collection for fines and assessments totaled \$303,040.96 for fiscal year 2008.

The objectives of the unit are to protect the employee, employer, and insurance carrier from fraudulent and/or abusive acts and practices; ensure businesses within the state are compliant in maintaining workers compensation insurance coverage; and ensure the division receives reports of injury within the time period set by statute.

### Referrals

#### Information Received by the Unit

The fraud and abuse unit receives information regarding alleged fraud and other violations of the workers compensation laws by phone, fax, e-mail, regular mail or a submission by another section in the Division of Workers Compensation. An allegation of fraud or abuse is designated as a referral. Each referral is reviewed by the assistant attorney general to determine if there is sufficient information to warrant an investigation. If sufficient information exists, a case is opened and assigned to a special investigator. If insufficient information exists, the matter is returned to the complaining party for further information or, if that is not possible, the referral is recorded but no formal investigation commences.

#### Types of Fraud

The unit classifies the type of fraud reported as it relates to the fraud and abuse statutes, as well as the compliance statutes. Table 1-9 lists the types of fraud, abuse and compliance cases reported to the unit over the past year.

**Table 1-9**  
**Number of Fraud, Abuse and Compliance Cases Reported by Referral**  
**FY 2008**

| Type of Fraud, Abuse and Compliance Referrals  | Total      |
|--|------------|
| Obtaining or denying benefits by making false statements either orally or written: K.S.A. 44-5,120 (d)(4)(A)   | 40         |
| Refusing to pay compensation as and when due: K.S.A. 44-5,120(d)(18)   | 6          |
| Failure to confirm medical compensation benefits to anyone providing treatment to a claimant: K.S.A. 44-5,120 (d)(15)  | 6          |
| Collecting from an employee, through a deduction from wages or a subsequent fee, any premium or other fee paid by the employer to obtain workers compensation insurance coverage K.S.A.44-5,120(d) 1 | 5          |
| Refusing to pay any order awarding compensation: K.S.A. 44-5,120 (d)(19)   | 6          |
| Failing to maintain workers compensation insurance when required: K.S.A. 44-532 (d)  | 213        |
| Employers duty to report accidents: K.S.A. 44-557  | 499        |
| Receiving temporary total disability or permanent total benefits to which they are not entitled, while employed: K.S.A. 44-5,125(a)(1)(D)  | 1          |
| All other fraudulent and abusive practices   | 15         |
| <b>Total</b>   | <b>791</b> |

Source: Kansas Division of Workers Compensation

## Investigations

The fraud unit has three full time investigators. These investigators are not law enforcement officers. However, they perform almost identical investigative duties as sworn law enforcement. The investigative process includes interviewing witnesses, collecting evidence, forming liaisons with law enforcement groups, as well as special fraud investigation units within the insurance industry, and testifying in administrative and criminal actions.

Once an investigation is complete, the investigator will prepare an investigative summary for the assistant attorney general to review. Criminal or administrative action commences if the assistant attorney general determines there is sufficient information to sustain the burden of proof in either a criminal or administrative action.

If the information indicates misconduct on the part of an insurance agent or carrier, that information is referred to the Kansas Insurance Department, which has an anti-fraud unit that investigates and prosecutes insurance fraud.

## Prosecution

The unit is authorized to initiate criminal or administrative action against individuals and entities that appear to have committed fraudulent or abusive acts. The unit has been extremely aggressive in this area. Civil actions are separated into compliance and fraud actions.

**Table 1-10**  
**Number of Fraud, Abuse and Compliance Cases**  
**FY 2008**

|              |            |
|--------------|------------|
| Compliance   | 731        |
| Fraud/Abuse  | 57         |
| Criminal     | 3          |
| <b>Total</b> | <b>791</b> |

Source: Kansas Division of Workers Compensation

## Collections

During either a criminal or administrative action, a fine or restitution is requested but not necessarily ordered by the judge or hearing officer. The total amount collected for FY 2008 was \$303,040.96 (see Table 1-11). The unit makes every attempt to collect the civil monetary penalty owed to the unit without any assistance. However, in some instances, it may be necessary for the Legal Services Division of the Kansas Department of Labor to file a collection action. Once the money is received, by law it must be deposited in the appropriate fund.

**Table 1-11**  
**Fraud, Abuse and Compliance Collections FY 2008**

|   |                     |
|---|---------------------|
| Fraud and Abuse Fines: K.S.A. 44-5,120 & 44-557 | \$28,357.38         |
| Compliance Fines: K.S.A. 44-532                 | \$268,094.59        |
| Restitution                                     | \$6,588.99          |
| <b>Total</b>                                    | <b>\$303,040.96</b> |

Source: Kansas Division of Workers Compensation

Money received as a result of compliance violations is deposited in the state treasury to the credit of the workers compensation fund. Money received as a result of fraud and failure to timely-file accident reports is deposited in the state treasury and credited to the workers compensation fee fund.

### **FRAUD HOTLINE**

1-800-332-0353 24 hrs/day  
 1-785-296-6392 (8:00 a.m.-5:00 p.m.)

### **FRAUD E-MAIL ADDRESS**

wcfraud@dol.ks.gov

## PUBLIC RESOURCE SECTION

### Ombudsman

The primary functions of the ombudsman unit are to assist injured workers, employers and other parties to protect their rights under the Workers Compensation Act. The unit provides technical assistance to all parties on workers compensation issues. The unit also assists unrepresented claimants in obtaining a hearing, mediation or appeal. The ombudsman unit provides presentations and training opportunities to interested parties.

The ombudsman unit was responsible for establishing a set of protocols and guidelines for services to employers. Specifically during fiscal year 2008, the ombudsman unit provided a point of contact for all parties to clarify issues and obtain information. The unit received and/or initiated 23,072 contacts (see Table 1-12), which included general information, specific issues regarding reported and unreported accidents and on-site visits to employers. The ombudsman unit also provided educational presentations to 1,122 individuals during fiscal year 2008 (see Table 1-13) as well as increasing public awareness of resources for parties needing presentations of workers compensation issues. Additionally, they provided technical assistance to employers through on-site visits and training during fiscal year 2008.

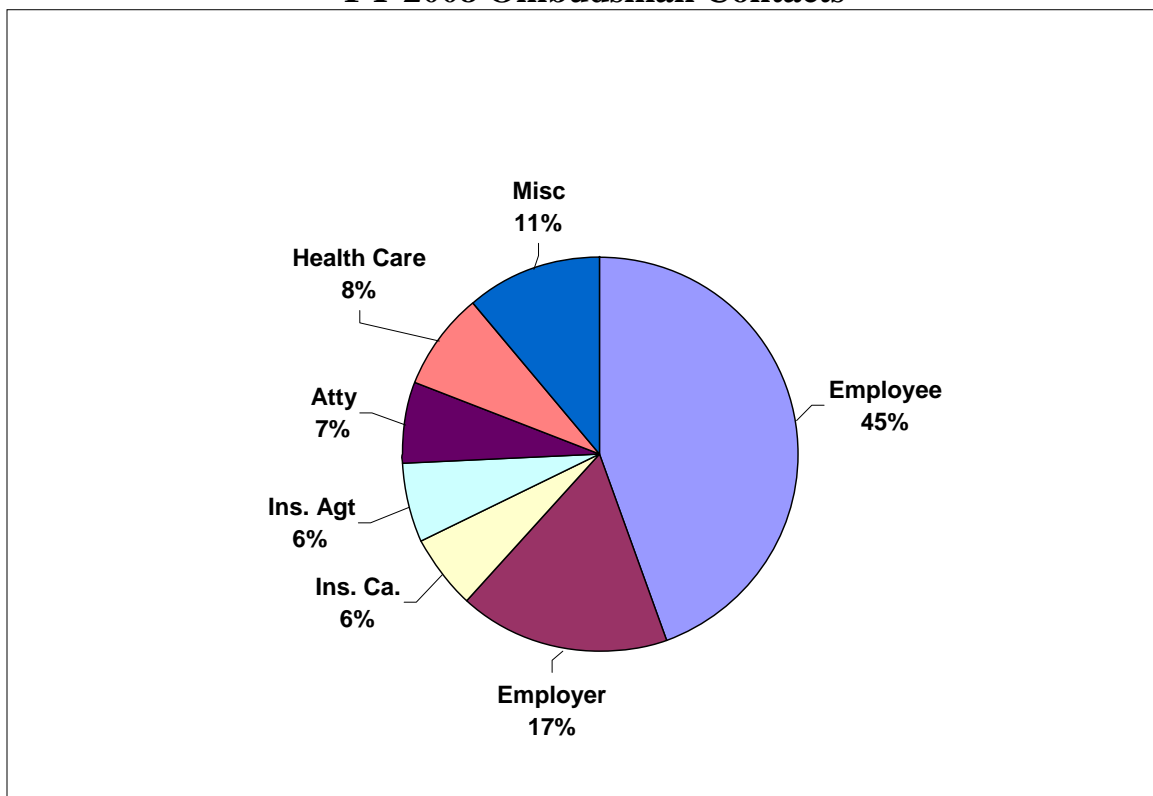
The objectives of the ombudsman unit involve the continuation of increasing employer contacts by providing training to employer groups who need assistance. They also intend to increase the unit's ability to initiate contact with injured workers to see if appropriate information is being received as required by statute. The ombudsman unit will seek to increase public awareness of the availability of ombudsman assistance in alternative dispute resolution by encouraging parties to participate in mediation. The unit continues to seek increasing public awareness and use of the website for information and downloadable forms as well as the on-line proof of coverage access. To increase the availability of information to the public, an employee tutorial in English and Spanish were added to our website during fiscal year 2008 as well as an employer tutorial with valuable information about Kansas workers compensation.

**Table 1-12**  
**FY 2005 - FY 2008 Ombudsman Contacts**

| Category              | FY 05         | FY 06         | FY 07         | FY 08         | Total          |
|-----------------------|---------------|---------------|---------------|---------------|----------------|
| Employees             | 13,072        | 12,224        | 11,025        | 10,271        | 46,592         |
| Employers             | 4,493         | 4,329         | 4,021         | 3,933         | 16,776         |
| Insurance Carriers    | 1,955         | 1,886         | 1,764         | 1,457         | 7,062          |
| Insurance Agents      | 1,586         | 1,495         | 1,495         | 1,436         | 6,012          |
| Attorneys             | 1,904         | 2,081         | 1,827         | 1,524         | 7,336          |
| Health Care           | 1,613         | 1,687         | 1,778         | 1,918         | 6,996          |
| Miscellaneous         | 4,635         | 4,630         | 3,426         | 2,533         | 15,224         |
| <b>Total Contacts</b> | <b>29,258</b> | <b>28,332</b> | <b>25,336</b> | <b>23,072</b> | <b>105,998</b> |

Source: Kansas Division of Workers Compensation

**Figure 1-2**  
**FY 2008 Ombudsman Contacts**



**Table 1-13**  
**FY 2008 Ombudsman Presentations\***

| Category              | Number Attended |
|-----------------------|-----------------|
| Employer              | 434             |
| Insurance Carriers    | 153             |
| Insurance Agents      | 33              |
| Health Care Providers | 420             |
| Attorneys             | 9               |
| Employees             | 46              |
| Miscellaneous**       | 27              |
| Total                 | 1,122           |

\*24 Total Presentations

\*\*Includes presentations to Legislative members, firefighters and various organizations.

Source: Kansas Division of Workers Compensation

## PUBLIC RESOURCE SECTION

### Seminars Planning

The primary function of the seminar planning unit is to develop, organize and produce the Workers Compensation Seminars. The intent is to deliver meaningful education with no commercial content. The unit also secures and delivers continuing education credits for multiple work-related occupations.

The seminar planning unit is responsible for guiding internal and external seminar committee groups as they complete functions throughout each phase of the seminar's preparation, production and post-production. Functions include Web-based registration, online announcements, Web site layout, printed development, exhibiting and on-site staffing assignments.

Topics and speakers are chosen by the external seminar planning committee guided by the seminar planning unit. These committee members are volunteers who work in the field of workers compensation in both the private sector and other government agencies. Their selections are made based on relevance, attendee requests, educational value, and division recommendations.

On-site staffing, meeting room set-up, speaker's audiovisual needs, arrangements for food and beverage etc., is handled in-house by the internal seminar committee and led by the seminar unit.

In 2008, the 34<sup>th</sup> *Annual Workers Compensation Seminar* was held in Overland Park at the Overland Park Marriott on September 8 & 9 and in Wichita at the Hilton Wichita Airport Executive Conference Center on September 23 & 24.

In Overland Park, the division hosted 454 attendees and 45 exhibitors. Continuing education credits were awarded to 193 attorneys, 96 nurses and 44 certified case managers. Award of credit was also issued for Kansas insurance agents and emergency medical services personnel. An additional 34 certificates of attendance were awarded to guests who indicated a need for proof of time spent at educational offerings to maintain licensing or certification in occupations we did not preauthorize for continuing education credits.

In Wichita the division hosted 267 attendees and 35 exhibitors. Continuing education credits were awarded to 110 attorneys, 45 nurses, 9 certified case managers, and six emergency medical services professionals. Property/casualty credits were awarded to three Kansas insurance agents. An additional 10 certificates of attendance were awarded to guests who indicated a need for proof of time spent at educational offerings to maintain licensing or certification in occupations we did not preauthorize for continuing education credits.

## PUBLIC RESOURCE SECTION

### Applications

The applications unit processes all applications and motions for hearing to assure proper filing of necessary and required documentation and to assure that the appropriate counsel, insurance carrier, employer and claimant are reflected on the notices of hearing. The unit researches the claim for proper employer address and insurance carrier. Claims are assigned to an administrative law judge based on the county of venue and other established criteria. The unit creates a physical docket file reflecting required documentation on the claim for workers compensation. This file becomes the official division documentation upon which present and future proceedings will rely for information. The unit records and enters information into the division's Web-based database and appropriate notices of hearing are printed and prepared for mailing to all parties involved in each case. Beginning January 1, 2008, the unit implemented e-mail notices of hearing. This has saved the division thousands of dollars in postage and paper expenses, as well as providing more timely hearing notifications. We maintain approximately 90 percent compliance with employee, employer, insurance carrier, and lawyer e-mail addresses having been submitted. The applications unit strives to research and process all preliminary hearing applications within three days of receipt.

Table 1-14 lists activity for the application unit from FY 2005 to FY 2008. In FY 2008, the applications unit researched and processed a total of 15,206 applications and motions: 7,563 preliminary hearing applications (both new and previously docketed); 4,864 regular hearing applications; 26 applications for surviving spouse or dependent hearings; 730 post award medical applications; 127 applications for review and modification; 456 applications for penalties; and 1,440 "miscellaneous" applications (amended applications, impleadings of the Workers Compensation Fund for insolvent employers, corrections and/or returned notices).

It is the intention of the applications unit to continue to provide outstanding service to customers, both internal and external.

**Table 1-14**  
**Application Unit Activity FY 2004 – FY 2008**

| Type of Application    | FY 08  | FY 07  | FY 06  | FY 05  | FY 04                    |
|------------------------|--------|--------|--------|--------|--------------------------|
| New Preliminary        | 686    | 679    | 1,116  | 1,937  | 1,170                    |
| Docketed Preliminary   | 6,877  | 6,847  | 6,739  | 6,336  | 6,063                    |
| Regular                | 4,864  | 5,019  | 5,167  | 5,717  | 5,403                    |
| Fatal                  | 26     | 32     | 45     | 57     | 47                       |
| PA Medical             | 730    | 728    | 743    | 731    | 601                      |
| Review & Modification* | 127    | 170    | 209    | 235    | Did not count separately |
| Penalties*             | 456    | 557    | 605    | 621    | Did not count separately |
| Miscellaneous**        | 1,440  | 1,583  | 1,561  | 1,846  | 2,282                    |
| Total Applications     | 15,206 | 15,615 | 16,185 | 17,480 | 15,566                   |

\*In FY 2004, review and modification and penalties applications were included in the count for miscellaneous applications.

\*\*Beginning in FY 2005, miscellaneous applications include amendments, insolvent impleadings, corrections and returned notices.

Source: Kansas Division of Workers Compensation



## **PUBLIC RESOURCE SECTION**

### **Research**

The research unit performs research on all requests for prior claim information. Customers of these research requests include attorneys, judges, claimants, insurance companies and the general public. Each request must be verified to assure that legal requirements concerning the confidentiality of workers compensation records are met. The unit responded to more than 54,000 research requests during FY 2008 (see Table 1-15). Turnaround time for research requests is generally within four days. The research involves computerized and hard copy files containing the histories of injured workers. Responses are provided as appropriate and according to legal requirements.

In July 2006, the research unit began scanning all accident reports, election forms and undocketed settlements, joint petitions and stipulations, and Final Receipt and Release of Liability forms (better known as Form D Releases) filed with the division. As of June 30, 2008, a total of 1,803,559 accident reports, 115,708 election forms and 68,774 undocketed settlements (including settlements, joint petitions and stipulations and final releases) have been scanned. Previously, those documents were microfilmed. Scanning has increased the efficiency of the unit and reduced the turnaround time for both internal and external customers as these documents now can be accessed electronically from personal computers within the division.

One section within the research unit reviews, researches and computes awards, settlements and final receipts and release of liability. Information researched and computed is entered into the division's database to produce annual statistical reports mandated by Kansas law. The information collected includes dollar amounts paid, types of payments, body parts being compensated, percentages of disability rating, attorneys fees and court reporter fees.

**Table 1-15**  
**FY 2008 Requests for Information from the Research Unit**

| Month                          | Attorneys | Insurance<br>Company | Social<br>Security | Employers | Misc. | Total  |
|--------------------------------|-----------|----------------------|--------------------|-----------|-------|--------|
| <i>2007</i>                    |           |                      |                    |           |       |        |
| July                           | 743       | 395                  | 1                  | 3,292     | 106   | 4,537  |
| August                         | 818       | 415                  | 3                  | 3,860     | 135   | 5,231  |
| September                      | 664       | 325                  | 2                  | 3,202     | 89    | 4,282  |
| October                        | 826       | 396                  | 4                  | 3,530     | 113   | 4,869  |
| November                       | 681       | 349                  | 2                  | 2,766     | 98    | 3,896  |
| December                       | 592       | 269                  | 0                  | 1,920     | 80    | 2,861  |
| <i>2008</i>                    |           |                      |                    |           |       |        |
| January                        | 773       | 328                  | 0                  | 3,406     | 102   | 4,609  |
| February                       | 750       | 302                  | 1                  | 3,219     | 97    | 4,369  |
| March                          | 751       | 309                  | 6                  | 3,808     | 103   | 4,977  |
| April                          | 803       | 323                  | 5                  | 3,558     | 107   | 4,796  |
| May                            | 728       | 357                  | 1                  | 3,732     | 98    | 4,916  |
| June                           | 660       | 397                  | 4                  | 3,699     | 73    | 4,833  |
| Total<br>Requests<br>For Year  | 8,789     | 4,165                | 29                 | 39,992    | 1,201 | 54,176 |
| Average<br>Requests<br>Per Day | 35.16     | 16.66                | 0.12               | 159.97    | 4.80  | 216.70 |

Total Working Days in the Year: 250

Source: Kansas Division of Workers Compensation

## **PUBLIC RESOURCE SECTION**

### **Rehabilitation**

The rehabilitation unit coordinates vocational rehabilitation services for injured workers when the insurance company/employer elects to provide services. This unit also reviews medical management closures to determine the need for referral to other vocational programs and services when the insurance company/employer elects not to provide services. Monitoring and providing technical assistance for both public and private vocational rehabilitation providers is also part of the responsibilities of this unit.

In FY 2008, the rehabilitation unit provided oversight for 21 injured workers served by qualified private sector vocational rehabilitation vendors. Vocational assessments were completed for one individual. An additional 11 injured workers developed vocational rehabilitation plans, all receiving job placement services. Three injured workers were employed at plan completion. The unit received 298 medical management referrals. Qualified rehabilitation vendors returned three injured workers to their employer (at time of injury) through individualized services. The unit reviewed 292 medical management closure reports to determine those in need of vocational rehabilitation or community services. In addition, 167 injured workers were informed of vocational options available through the private and/or public sector vocational services. At the end of FY 2008, four workers referred to Kansas Rehabilitation Services or out-of-state vocational rehabilitation agencies were in a vocational rehabilitation plan.

# **Section 2**

## **Workplace Injuries and Illnesses in Kansas FY 2008**

The State of Kansas has a compelling interest in the safety, health and productivity of its workforce. An important aspect of that commitment is the division's daily monitoring of the workplace environment and periodic analysis of the incidence and severity of occupational injuries and illnesses within the state. Every year the division publishes its decision support data for the Legislature and interested parties in the form of this *Annual Statistical Report*. The first part of this section provides information on many aspects of occupational injuries and illnesses in the State of Kansas for FY 2008, including the causes, nature and source, the industries in which they occur and the body member implicated in the reported injuries and illnesses. Discussed next is the widely-reported private industry injury incidence rates published by the federal Bureau of Labor Statistics (BLS) of the United States Department of Labor which KDOL's Division Labor Market Information Services (LMIS) is responsible for reporting on behalf agency.

### **Occupational Injuries and Illnesses in Kansas**

Kansas classifies occupational injuries according to severity as "no time lost," "time lost" and "fatal." "Time lost" injuries are those that "incapacitate the person injured from labor or service for more than the remainder of the day, shift or turn." "No time lost" injuries are defined as those in which the employee did not miss work beyond the remainder of the day, shift or turn. Injuries resulting in death are coded as "fatal." In other words, the most severe types of occupational injury or illness are classified as "fatal" while the least severe are reported as "no time lost" cases. Table 2-1 contains the aggregate totals (by severity) of Kansas' occupational injuries and illnesses for the last 14 fiscal years.

- There were 70,263 total occupational injuries and illnesses reported to the Division of Workers Compensation during FY 2008. The FY 2008 total reflects all accidents occurring during the year, including fatalities, and represents an increase of 1,052 reported injuries and illnesses, or a 1.52 percent increase, from the previous year's total.
- From another perspective, 193 employees per day were either injured or killed on the job in Kansas last fiscal year.
- Workplace fatalities, the most severe type of injury, in FY 2008 decreased 12 percent from the previous year (to 43 from 49 reported deaths), and were less than the 14-year average of 55.2 reported deaths.
- The 38,778 "No Time Lost" injuries and illnesses reported were approximately 55 percent of all reported injuries and illnesses. "No Time Lost" injuries increased 3.56 percent from the previous year's total.
- "Time Lost" injuries and illnesses totaled 31,442 which is a 0.87 percent decrease from the previous year's total.

**Table 2-1**  
**Kansas Total Occupational Injuries & Illnesses by**  
**Severity FY 1995 – FY 2008**

|             | No Time Lost Injuries & Illnesses |                                 | Time Lost Injuries & Illnesses |                                 | Fatal Injuries |                                 |                            |
|-------------|-----------------------------------|---------------------------------|--------------------------------|---------------------------------|----------------|---------------------------------|----------------------------|
| Fiscal Year | Total No Time Lost                | % of Total Injuries & Illnesses | Total Time Lost                | % of Total Injuries & Illnesses | Total Fatal    | % of Total Injuries & Illnesses | Total Injuries & Illnesses |
| FY 1995     | 52,473                            | 55.49%                          | 42,030                         | 44.44%                          | 67             | 0.07%                           | 94,570                     |
| FY 1996     | 68,674                            | 71.79%                          | 26,929                         | 28.15%                          | 60             | 0.06%                           | 95,663                     |
| FY 1997     | 73,415                            | 75.14%                          | 24,220                         | 24.79%                          | 64             | 0.07%                           | 97,699                     |
| FY 1998     | 63,071                            | 63.77%                          | 35,767                         | 36.16%                          | 70             | 0.07%                           | 98,908                     |
| FY 1999     | 68,995                            | 72.07%                          | 26,674                         | 27.86%                          | 61             | 0.06%                           | 95,730                     |
| FY 2000     | 71,327                            | 79.21%                          | 18,653                         | 20.71%                          | 69             | 0.08%                           | 90,049                     |
| FY 2001     | 64,533                            | 75.97%                          | 20,368                         | 23.98%                          | 44             | 0.05%                           | 84,945                     |
| FY 2002     | 52,549                            | 72.16%                          | 20,223                         | 27.77%                          | 53             | 0.07%                           | 72,825                     |
| FY 2003     | 55,101                            | 80.87%                          | 12,994                         | 19.07%                          | 42             | 0.06%                           | 68,137                     |
| FY 2004     | 48,298                            | 75.03%                          | 16,032                         | 24.90%                          | 44             | 0.07%                           | 64,374                     |
| FY 2005     | 36,335                            | 56.11%                          | 28,369                         | 43.81%                          | 57             | 0.09%                           | 64,761                     |
| FY 2006     | 37,619                            | 56.60%                          | 28,800                         | 43.33%                          | 50             | 0.08%                           | 66,469                     |
| FY 2007     | 37,444                            | 54.10%                          | 31,718                         | 45.83%                          | 49             | 0.07%                           | 69,211                     |
| FY 2008     | 38,778                            | 55.19%                          | 31,442                         | 44.75%                          | 43             | 0.06%                           | 70,263                     |

Source: Kansas Division of Workers Compensation

One limitation of reported aggregate totals is that they do not account for year-to-year changes in the workforce population within Kansas. Perhaps the least sophisticated benchmark statistic for comparing year-to-year totals without controlling for workforce population increases/decreases would be to calculate the percentage of total injuries and illnesses that resulted in “no time lost,” “time lost” or fatalities. The rationale is that the state has an interest in knowing what percentage of total injuries and illnesses constitute the range of severity that decreases productivity, endangers worker safety, disrupts labor participation or results in death. In order to do a fair year-to-year comparison of occupational injury and illness behavior in Kansas, the incidence rate per 100 full-time equivalent workers is discussed below.

## Kansas Occupational Injury and Illness Incidence Rates

### Statewide Occupational Injury and Illness Incidence Rate for Non-Federal Workforce

There are two sources of occupational injury and illness data reported in this section. The Survey of Occupational Injuries and Illnesses is a federal/state program administered by the United States Department of Labor’s Bureau of Labor Statistics (BLS) and cooperating state agencies throughout the nation. In Kansas, the cooperating state agency that helps administer the survey is the Department of Labor, Labor Market Information Services (LMIS). The annual survey measures the incidence rates of workplace injuries and illnesses for the nation as a whole and for each participating state, as well as case and injured worker demographic data (see Appendix A). The Division of Workers Compensation does not directly participate in the BLS survey but is an active consumer of its information. The division believes that the private sector incidence rates

provided by BLS and LMIS help augment both this annual report and the statutory obligation to monitor workplace injuries and illnesses in the state for health and safety purposes.

However, the division does believe that it can contribute to the discourse on workplace injury incidence rates in Kansas for several reasons. First, employers covered under the Workers Compensation Act are required to report all employee occupational injuries and illnesses that “incapacitate the person injured from labor or service for more than the remainder of the day, shift or turn” to the division within 28 days of the date of injury or onset of illness. The division has aggregated and reported this data in its *Annual Statistical Report* for many years but did not publish its calculated rates of incidence per 100 full-time equivalent employees until FY 2001. The division reports its own calculated occupational injury incidence rates (see Appendix A for methodology). Second, the division does have an institutional advantage (relative to BLS and LMIS) in that it, by law, is able to collect data on the entire population of workplace injuries and illnesses in Kansas because it has the legal authority to collect injury data on state and local public sector employees in addition to the private sector.<sup>2</sup> This is important because the state and local public sector workforce is one of the largest employers in Kansas and reports a significant percentage of the total workplace injuries and illnesses each year. Finally, it should be noted that the Division of Workers Compensation is able to publish its occupational injury statistics in a timelier manner than both BLS and LMIS. In this report, it publishes incidence rates for all employers covered under the Workers Compensation Act through fiscal year 2008 (up to and including June 30, 2008) whereas the most recent national and state data available from BLS is through calendar year 2007. We may be able to identify injury and illness trends more quickly and use this in-house information as a basis for targeting resources, through the Industrial Safety and Health Division, for injury prevention and/or safety education.

While it is true that there is no absolute acceptable level of injury incidence, relatively speaking, the lower the rate of injury the better. An important question is: how should the average Kansan interpret the “Total Injuries and Illnesses” incidence rate? For example, if the incidence rate for total injuries and illnesses in Kansas for any given year were 5.3 injuries per 100 full-time workers, would it be reasonable to conclude that roughly five percent of full-time workers suffered some sort of occupational injury that year? We believe that this would be a fair interpretation provided that we assume each worker within this 5.3 percent was injured only once during the year under study. In other words, for every 100 full-time private sector workers in Kansas there were 5.3 injuries reported that year for our hypothetical example. If consumers of this information would want to know what occupations in Kansas are more at risk for injury than others, then the total injury and illness incidence rate would not provide that information. They

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<sup>2</sup> Under its commerce power granted by the United States Constitution, and as interpreted by the United States Supreme Court (See *U.S. v. Lopez*, 514 U.S. 558-559 (1995); “[there are] three broad categories of activity that Congress may regulate under its commerce power...Congress may regulate the use of the channels of interstate commerce...Congress is empowered to regulate and protect the instrumentalities of interstate commerce, or persons or things in interstate commerce, even though the threat may come only from intrastate activities...Congress’ commerce authority includes the power to regulate those activities having a substantial relation to interstate commerce,...i.e., those activities that substantially affect interstate commerce.”). The federal government can require employers to log all occupational injuries and illnesses and report them to BLS and/or OSHA. The United States Constitution, however, does not give Congress the authority to regulate the states (and its political subdivisions) as states and therefore, compel them to report the workplace injuries of state and local public servants to the Bureau of Labor Statistics.

would need to consult the industry cluster estimates of injury incidence provided annually by Kansas Labor Market Information Services or the non-federal incidence rates reported in the Kansas Division of Workers Compensation *Annual Statistical Report*.

Under the Kansas Workers Compensation Act, employers are required to report to the division:

[I]f the personal injuries which are sustained by such accidents, are sufficient wholly or partially to incapacitate the person injured from labor or service for more than the remainder of the day, shift or turn on which such injuries were sustained.<sup>3</sup>

All of the division's severity classifications are similar to the BLS variables in the Occupational Injuries and Illnesses Survey and are broad enough to describe the diversity of injuries within each category yet specific enough to discern substantive differences in severity.<sup>4</sup> For example, the BLS measures of "Total Lost Workday Cases" and "Other Recordable Cases" (BLS used to categorize these as "Cases Without Lost Workdays" and it is roughly the same as no time lost cases<sup>5</sup>) are similar to measures reported by the Division of Workers Compensation in past annual statistical reports. The BLS classification "Total Lost Workday Cases" injuries and illnesses per 100 full-time workers is a statistic used to measure the incidence of injuries that meet the criterion of "lost workday." However, a year-to-year comparison between the BLS study and the division's data is difficult due to both the time lag in reporting by BLS and the differing time frames of the studies.<sup>6</sup>

Table 2-2 lists the Kansas occupational injury and illness rate for the last fourteen fiscal years (FY 1995-FY 2008) as calculated by the Division of Workers Compensation. See Figure 2-1 below for graphical representations of the data.

- For "Total Injuries and Illnesses," the incidence per 100 full-time equivalent workers (FTE) in the private and public sectors in Kansas was 5.17 in FY 2008. The total injuries and illnesses incidence rate increased by 0.39 percent over the last year. However, the total injury and illness incidence rate has declined by 36.9 percent over the last fourteen years and by 19.5 percent since FY 2001.
- The average annual decrease between FY 1995 and FY 2008 of the incidence rate per 100 full-time workers (FTE) for "Total Injuries and Illnesses" was 3.3 percent.

<sup>3</sup> K.S.A.44-557.

<sup>4</sup> See Appendix for more detailed explanations.

<sup>5</sup> Note, however, that Division of Workers Compensation definitions do not specifically address restricted work activity or job transfer. Those cases are treated either as "time lost" or "no time lost" cases, depending on which definition they fit. The division has concluded that, for the purposes of this report, such cases are better represented through our analysis of specific benefit types (e.g., temporary partial claims, permanent partial claims) that appears in Section 3 of this report.

<sup>6</sup> In response to this issue, the division has begun publishing incidence rates organized by calendar year as well as fiscal year. See table 2-3. Additionally, despite the limitations, readers of this report have requested the inclusion of BLS national and Kansas data. Such readers may include employers, employees, policymakers, safety standards writers, safety inspectors, health and safety consultants, and researchers. BLS, *Frequently Asked Questions*, <http://stats.bls.gov/iif/oshfaq1.htm>. "Policymakers need to know how the safety and health of workers in their State compares to workers in other States doing comparable work. The survey helps these managers determine the additional need for State safety and health programs." *Id.*



- The “Time Lost” injuries and illnesses incidence rate was 2.31 per 100 full-time equivalent workers (FTE) in FY 2008, a 2.1 percent decrease in the rate from the previous year.
- The “Time Lost” incidence rate had an average annual increase of 1.3 percent from FY 1995 to FY 2008.
- The “No Time Lost” injuries and illnesses incidence rate was 2.85 injuries and illnesses per 100 FTE for FY 2008, which was a 2.5 percent increase from the previous year, and a 41.5 percent decrease from FY 2001 (4.87 injuries and illnesses per 100 FTE).
- The “No Time Lost” incidence rate had an average annual decrease of 2.64 percent between FY 1995 and FY 2008.
- The fatality rate decreased 11.1 percent from the previous year, and has had an average annual decrease of 2.69 percent between FY 1995 and FY 2008.

**Table 2-2**  
**Kansas Occupational Injury & Illness Incidence**  
**Rate\* FY 1995 - FY 2008**

| Fiscal Year | No Time Lost<br>Injuries &<br>Illnesses* | Time Lost<br>Injuries &<br>Illnesses* | Fatal Injuries* | Total Injuries &<br>Illnesses* |
|-------------|--|---------------------------------------|-----------------|--------------------------------|
| FY 1995     | 4.54                                     | 3.64                                  | 0.0058          | 8.19                           |
| FY 1996     | 5.80                                     | 2.28                                  | 0.0051          | 8.08                           |
| FY 1997     | 6.02                                     | 1.99                                  | 0.0052          | 8.01                           |
| FY 1998     | 4.99                                     | 2.83                                  | 0.0055          | 7.82                           |
| FY 1999     | 5.33                                     | 2.06                                  | 0.0047          | 7.39                           |
| FY 2000     | 5.45                                     | 1.42                                  | 0.0053          | 6.88                           |
| FY 2001     | 4.87                                     | 1.54                                  | 0.0033          | 6.42                           |
| FY 2002     | 3.93                                     | 1.51                                  | 0.0040          | 5.45                           |
| FY 2003     | 3.89                                     | 0.92                                  | 0.0030          | 4.80                           |
| FY 2004     | 3.75                                     | 1.25                                  | 0.0034          | 5.00                           |
| FY 2005     | 2.78                                     | 2.17                                  | 0.0044          | 4.95                           |
| FY 2006     | 2.87                                     | 2.20                                  | 0.0038          | 5.07                           |
| FY 2007     | 2.78                                     | 2.36                                  | 0.0036          | 5.15                           |
| FY 2008     | 2.85                                     | 2.31                                  | 0.0032          | 5.17                           |

\*Per 100 Full-time Equivalent Non-Federal Workers

Source: Kansas Division of Workers Compensation, Kansas Labor Market Information Services

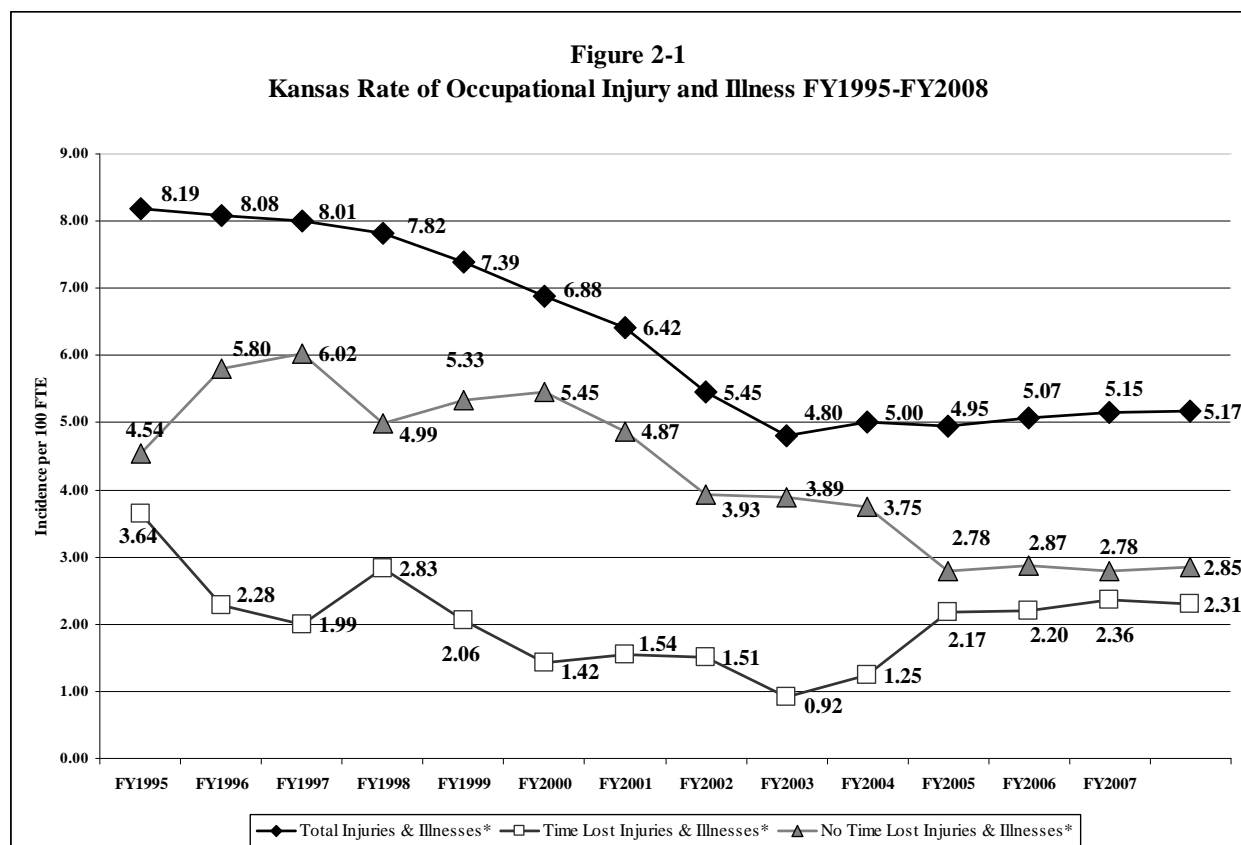


Table 2-3 lists the Kansas occupational injury and illness rate for the last 14 calendar years (1994-2007) as calculated by the Division of Workers Compensation. See Figure 2-2 below for graphical representations of the data.

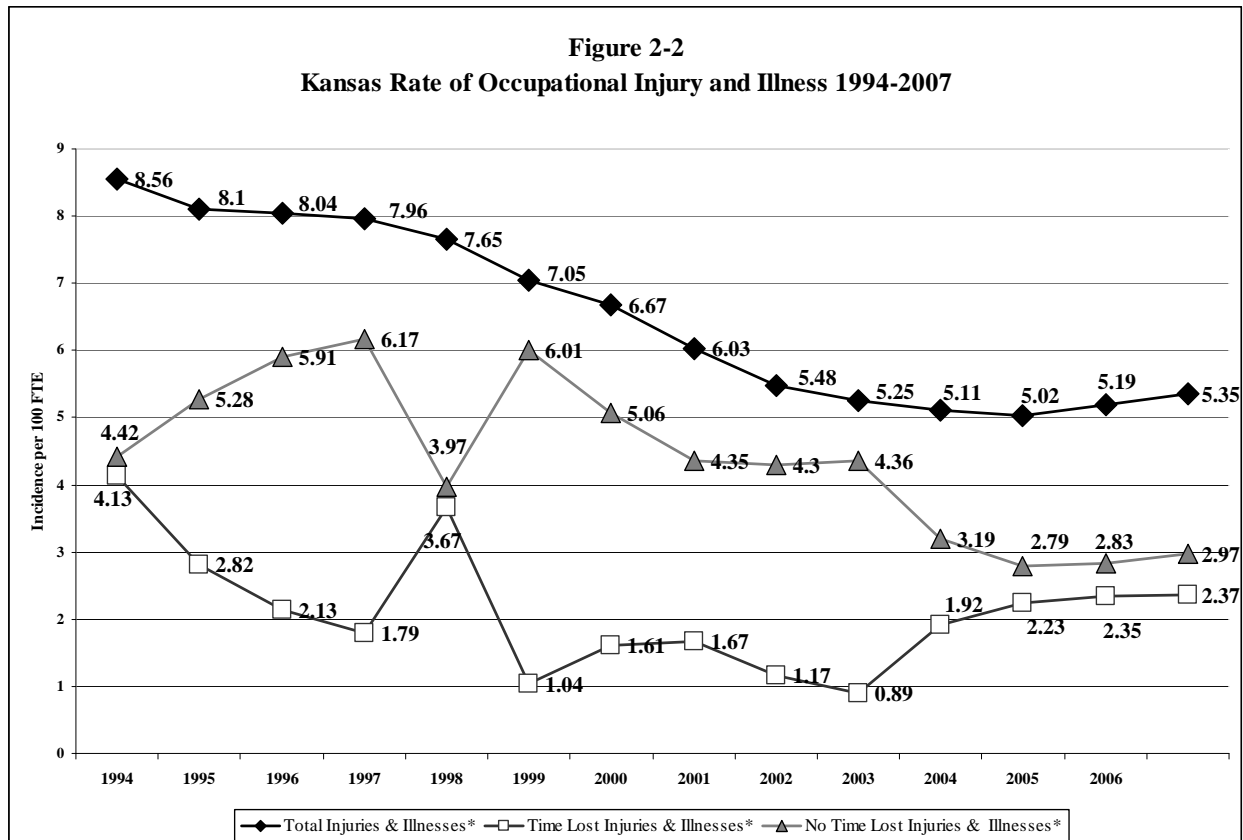
- For “Total Injuries and Illnesses” the incidence per 100 full-time equivalent workers (FTE) in the private and public sectors in Kansas was 5.35 in 2007. The total injuries and illnesses incidence rate increased slightly over the last year (3.1 percent). However, the total injury and illness incidence rate has declined by 37.5 percent over the last 14 years and by 19.8 percent since 2000.
- The “Total Injuries and Illnesses” incidence rate had an average annual decrease of 3.5 percent between 1994 and 2007.
- The “Time Lost” injuries and illnesses incidence rate was 2.37 per 100 full-time equivalent workers (FTE) in 2007, a slight increase of 0.9 percent from the previous year. However, it is slightly above the 14-year average of 2.13 per 100 FTE and represents a 42.6 percent decrease from 1994.
- The “Time Lost” incidence rate had an average annual increase of 8.0 percent between 1994 and 2007.
- The 2007 “No Time Lost” injuries and illnesses incidence rate increased by 4.9 percent from the previous year. The 2007 incident rate represents a decrease of 41.3 percent from 2000 and is 32.5 percent less than the 14-year average (4.40 per 100 FTE).
- The “No Time Lost” incidence rate had an average annual decrease of just 0.9 percent.

- The fatality rate increased by 5.1 percent from the previous year and was slightly smaller than the 14-year average of fatality rates (.0043). The average annual increase is 1.1 percent.

**Table 2-3**  
**Kansas Occupational Injury & Illness Incidence**  
**Rate\* 1994 – 2007**

| Calendar Year | No Time Lost<br>Injuries &<br>Illnesses* | Time Lost<br>Injuries &<br>Illnesses* | Fatal<br>Injuries* | Total Injuries &<br>Illnesses* |
|---------------|--|---------------------------------------|--------------------|--------------------------------|
| 1994          | 4.42                                     | 4.13                                  | 0.0050             | 8.56                           |
| 1995          | 5.28                                     | 2.82                                  | 0.0060             | 8.10                           |
| 1996          | 5.91                                     | 2.13                                  | 0.0048             | 8.04                           |
| 1997          | 6.17                                     | 1.79                                  | 0.0050             | 7.96                           |
| 1998          | 3.97                                     | 3.67                                  | 0.0047             | 7.65                           |
| 1999          | 6.01                                     | 1.04                                  | 0.0050             | 7.05                           |
| 2000          | 5.06                                     | 1.61                                  | 0.0037             | 6.67                           |
| 2001          | 4.35                                     | 1.67                                  | 0.0036             | 6.03                           |
| 2002          | 4.30                                     | 1.17                                  | 0.0042             | 5.48                           |
| 2003          | 4.36                                     | 0.89                                  | 0.0027             | 5.25                           |
| 2004          | 3.19                                     | 1.92                                  | 0.0045             | 5.11                           |
| 2005          | 2.79                                     | 2.23                                  | 0.0041             | 5.02                           |
| 2006          | 2.83                                     | 2.35                                  | 0.0039             | 5.19                           |
| 2007          | 2.97                                     | 2.37                                  | 0.0041             | 5.35                           |

\*Per 100 Full-time Equivalent Non-Federal Workers  
Source: Kansas Division of Workers Compensation,  
Wage data: Kansas Labor Market Information Services



### The Federal Bureau of Labor Statistics Survey of Statewide Occupational Injuries and Illnesses in the Private Sector

BLS reports data for “Days away from work, days or restricted work activity or job transfer (DART),” which are cases “that involve days away from work, or days of restricted work activity<sup>7</sup> or job transfer, or both.”<sup>8</sup> a lost workday as “the number of workdays (consecutive or not) beyond the day of injury or onset of illness.” This definition is a proxy for measuring the severity of injury incurred by the employee. Its logical counterpart is the former “Cases Without Lost Workdays,” now categorized as “Other Recordable Cases,” which is defined as the obverse of injury resulting in death, time away from work, restricted work activity or job transfer. It too is a proxy for measuring severity and would include any injury incurred that did not result in lost workdays or restricted activity. For example, if a Kansas employee were to cut a finger while preparing food and did not return for the rest of the day (presumably to receive medical treatment) but did return the following scheduled workday they would be designated as an

<sup>7</sup> Restricted work activity includes assigning an employee to another job on a temporary basis, less than full-time employment or a reduction in duties for the position of which the injury occurred. BLS states: “Job transfer or restriction cases occur when, as a result of a work-related injury or illness, an employer or health care professional keeps, or recommends keeping an employee from doing the routine functions of his or her job or from working the full workday that the employee would have been scheduled to work before the injury or illness occurred.” BLS, *Occupational Safety and Health Definitions*, at <http://www.bls.gov/iif/oshdef.htm>.

<sup>8</sup> BLS, *Occupational Safety and Health Definitions*, at <http://www.bls.gov/iif/oshdef.htm>. “Cases involving days away from work are cases requiring at least one day away from work with or without days of job transfer or restriction.” *Id.*

“Other Recordable Case.” In other words, no time is lost beyond the *day* of injury or onset of illness.

BLS reported an incidence rate of 9.7 injuries and illnesses per 100 full-time workers for Kansas in 1995. That incidence rate dropped to a twelve-year low of 5.1 injuries and illnesses per 100 full-time workers in calendar year 2006 and remained 5.1 for 2007, the most recent year of the survey available for the State of Kansas (See Table 2-4). Below are findings from the BLS survey research that are good comparative data for the division’s published incidence rates.

- The “Total Injuries and Illnesses” incidence rate for the private sector in Kansas reveals a decrease in the frequency of occupational injury and illness every successive year except for a slight spike in 2000 (up from 7.6 to 7.8). This annual decline in the frequency of injuries and illnesses is consistent with the national trend in “Total Injury and Illness” incidence rates, but Kansas still has a higher frequency of injuries than the national rate for every year of the study. The Kansas total injuries rate remained the same at 5.1 and the national total injuries rate decreased to 4.2 in 2007.
- The Kansas “Total Injuries and Illnesses” rate is down by 4.6 injuries and illnesses per 100 workers for the period 1995-2007, a relative change of 47.4 percent. Similarly, the national average for total injuries has decreased by 3.9 injuries and illnesses per 100 workers, or 48.1 percent, between 1995 and 2007.
- The “Total Lost Workday Cases” incidence rate for Kansas declined from 1995 (4.2 per 100 workers) to 2007 (2.4 per 100 workers). The Kansas numbers are slightly higher than the national rates for each of the first nine years discussed, but were slightly lower than the national rates in 2004 (a difference of 0.1 injuries or illnesses per 100 workers), equal to the national rate in 2005 (2.4 per 100 workers) and 2006 (2.3 per 100 workers) and slightly higher than the national rate in 2007 (a difference of 0.3 injuries and illnesses per 100 workers). The national rates also have declined or remained constant every year, from 3.6 in 1995 to a low of 2.1 lost workday injuries per 100 full-time workers in 2007.
- “Total Lost Workday Cases” in Kansas has declined by 1.8 injuries and illnesses per 100 workers, or 42.9 percent, from 1995-2007, while nationally the incidence rate for “Total Lost Workday Cases” is down 1.5 injuries and illnesses per 100 workers, or 41.7 percent, between 1995 and 2007.
- The “Lost Workday Cases with Days Away from Work” incidence rate for the Kansas private sector has dropped from 2.5 injuries and illnesses per 100 workers in 1995 to 1.1 per 100 workers in 2007. This Kansas trend in injuries resulting in days away from work mirrors rather closely what is occurring at the national level and the Kansas average of 1.6 injuries and illnesses per 100 workers is slightly below the national average of 1.7.
- Kansas “Lost Workday Cases with Days Away from Work” has decreased by 56 percent over the thirteen-year period, declining by 1.4 injuries and illnesses per 100 workers. The national average for days away from work injuries and illnesses declined by 1.3 injuries and illnesses per 100 workers (52 percent) over this period as well.
- The “Cases Without Lost Workdays” (now “other recordable cases”) incidence rate in Kansas declined from 5.5 injuries per 100 workers in 1995 to 2.8 per 100 workers in 2007. Kansas has higher than average (national) rates for cases without lost workdays for every year of the study, indicating that a greater percentage of the state’s total injuries and illnesses do not result in days away from work or restricted work activity. In other

words, Kansas has a greater frequency of the less severe type of occupational injuries and illnesses.

- “Cases Without Lost Workdays” (“other recordable cases”) in Kansas are down by 2.7 injuries and illnesses per 100 workers from 1995-2007 (relative decline of 49.1 percent) and the nation as a whole experienced a similar decline (2.3 injuries and illnesses per 100 FTE, or 52.3 percent).

**Table 2-4**  
**BLS Survey of Kansas Private Sector Occupational Injury & Illness Incidence Rate\* 1995 - 2007**

| Calendar Year | Total Injuries & Illnesses* |             | Total Lost Workday Cases* |             | Lost Workday Cases with Days Away from Work* |             | Cases Without Lost Workdays** |             |
|---------------|-----------------------------|-------------|---------------------------|-------------|--|-------------|-------------------------------|-------------|
|               | National Rate               | Kansas Rate | National Rate             | Kansas Rate | National Rate                                | Kansas Rate | National Rate                 | Kansas Rate |
| 1995          | 8.1                         | 9.7         | 3.6                       | 4.2         | 2.5  | 2.5         | 4.4                           | 5.5         |
| 1996          | 7.4                         | 8.9         | 3.4                       | 4.0         | 2.2  | 2.2         | 4.1                           | 4.9         |
| 1997          | 7.1                         | 8.6         | 3.3                       | 4.0         | 2.1  | 2.1         | 3.8                           | 4.6         |
| 1998          | 6.7                         | 8.5         | 3.1                       | 3.7         | 2.0  | 1.9         | 3.5                           | 4.8         |
| 1999          | 6.3                         | 7.6         | 3.0                       | 3.6         | 1.9  | 1.9         | 3.3                           | 4.0         |
| 2000          | 6.1                         | 7.8         | 3.0                       | 3.3         | 1.8  | 1.7         | 3.2                           | 4.4         |
| 2001          | 5.7                         | 7.3         | 2.8                       | 3.2         | 1.7  | 1.6         | 2.9                           | 4.0         |
| 2002          | 5.3                         | 6.2         | 2.8                       | 3.0         | 1.6  | 1.4         | 2.5                           | 3.2         |
| 2003          | 5.0                         | 5.5         | 2.6                       | 2.7         | 1.5  | 1.3         | 2.4                           | 2.9         |
| 2004          | 4.8                         | 5.5         | 2.5                       | 2.4         | 1.4  | 1.1         | 2.3                           | 3.1         |
| 2005          | 4.6                         | 5.3         | 2.4                       | 2.4         | 1.4  | 1.2         | 2.2                           | 2.9         |
| 2006          | 4.4                         | 5.1         | 2.3                       | 2.3         | 1.3  | 1.1         | 2.1                           | 2.8         |
| 2007          | 4.2                         | 5.1         | 2.1                       | 2.4         | 1.2  | 1.1         | 2.1                           | 2.8         |

\*Per 100 FTE Private Sector Workers

\*\* Starting in 2002 this category has been reclassified by BLS as "other recordable cases"

Source: U.S. Department of Labor, Bureau of Labor Statistics

### Kansas Industrial Super Sector Incidence Rates: Calendar Years 2003-2007

For the fifth year, the division is publishing incidence rates by industrial super sector. Beginning in January 2003, LMIS stopped reporting non-farm payroll employment hours by the old Standard Industrial Classification (SIC) and began reporting using the North American Industrial Classification System (NAICS). LMIS had reported employment payroll by the SIC system since 1939. Therefore, since the division relies upon this data for the construction of statistics, it will no longer report incidence rates by the SIC system. The division published this data for the fiscal years 2003-2004, utilizing the NAICS. After discovering inconsistent internal data, the division has chosen to report the data as compiled by the United States Bureau of Labor Statistics (BLS), rather than to publish statistics based on insufficient data with respect to the industry code. This problem, however, does not affect the statewide incidence rates. Thus, in accordance with BLS data practices, the values in this report will be reported for calendar years 2003 through 2007, and represent the incidence rates as calculated by BLS, not the Kansas Division of Workers Compensation. This comparison allows us also to report the national incidence rates by NAICS

super sector, as reported by the BLS, for convenient comparison to the Kansas incidence rates (See Table 2-5 below for Kansas incidence rates, Table 2-6 for national incidence rates).

- The Construction sector had the highest total injuries and illness incidence rate in Kansas in 2007 with 8.2 injuries and illnesses per 100 FTE. Since 2003, the Administrative and Support and Waste Management and Remediation Services sector had the highest total injuries and illnesses incidence rate in Kansas in 2003 and 2004 with 8.7 and 8.5, respectively, the Construction sector had the highest rate in Kansas for 2005 with 8.4 and Manufacturing had the highest rate in Kansas for 2006 with 7.4.
- The Transportation and Warehousing sector had the highest national total injuries and illnesses incidence rates for the last five years (7.8 in 2003, 7.3 in 2004, 7.0 in 2005, 6.5 in 2006 and 6.4 in 2007).
- Management of Companies and Enterprises had the lowest total injuries and illness incidence rate in Kansas in 2007 with 1.2 injuries and illnesses per 100 FTE. From 2003 to 2006, the Finance and Insurance sector had the lowest rates for the total injuries and illnesses (1.0 in 2003, 1.3 in 2004, 1.1 in 2005 and 1.3 in 2006). The Finance and Insurance sector had the lowest national total injuries and illnesses incidence rates for the last five years (1.1 in 2003, 0.9 in 2004, 1.0 in 2005, 0.9 in 2006 and 2007).
- The Construction and Transportation and Warehousing sectors shared the highest “Total Lost Workday Cases” incidence rate in Kansas in 2007 with 3.6. The Administrative and Support and Waste Management and Remediation Services sector had the highest “Total Lost Workday Cases” incidence rate in Kansas during 2003 and 2004 (6.8 in 2003 and 4.3 in 2004), Manufacturing and Construction had the highest incidence rates in 2005 (both at 3.8) and Transportation and Warehousing has the highest incidence rates in 2006 with 3.7. Nationally, Transportation and Warehousing had the highest “Total Lost Workday Cases” rates for all five years (5.4 in 2003, 4.9 in 2004, 4.6 in 2005 and 4.3 in 2006 and 2007).
- The Mining sector had the highest Kansas rates for “Lost Workday Cases with Days Away from Work” in 2007 and 2006 with 2.3 injuries and illnesses per 100 FTE and 2004 with 3.2. The Administrative and Support and Waste Management and Remediation Services sectors had the highest Kansas rates for the same category in 2003 (3.7 injuries and illnesses per 100 FTE) and in 2005 the Construction sector incidence rate was highest in the state at 2.7.
- Transportation and Warehousing had the highest national rates for “Lost Workday Cases with Days Away from Work” from 2003-2007 (3.5 in 2003, 3.1 in 2004, 2.9 in 2005 and 2.7 in 2006 and 2007).
- The Construction sector had the highest Kansas rate in 2007 with 4.6 injuries and illnesses per 100 FTE for “Cases without Lost Workdays.”
- Health Care and Social Assistance and Arts and Entertainment sectors shared the highest national rates for “Cases without Lost Workdays” in 2007 with 3.1 injuries and illnesses in 2007.
- The Kansas data for the Utilities and Management of Companies and Enterprises sectors are not available for 2003.

**Table 2-5**  
**Kansas Non-Fatal Occupational Injury & Illness Incidence Rate\* by NAICS Super Sector**  
**2003 - 2007**

| Industrial<br>Super Sector                        | Total Recordable Cases |      |      |      |      | Total Lost Workday Cases |      |      |      |      | Lost Workday Cases w/ Days Away<br>from Work |      |      |      |      | Cases w/o lost workdays |      |      |      |      |
|---|------------------------|------|------|------|------|--------------------------|------|------|------|------|--|------|------|------|------|-------------------------|------|------|------|------|
|   | 2003                   | 2004 | 2005 | 2006 | 2007 | 2003                     | 2004 | 2005 | 2006 | 2007 | 2003   | 2004 | 2005 | 2006 | 2007 | 2003                    | 2004 | 2005 | 2006 | 2007 |
| Mining  | 5.7                    | 6.6  | 3.7  | 4.1  | 5.4  | 3.7                      | 3.7  | 2.3  | 2.6  | 2.9  | 3.4  | 3.2  | 1.7  | 2.3  | 2.3  | 2.0                     | 3.8  | 1.3  | 1.5  | 2.5  |
| Construction                                      | 7.9                    | 6.7  | 8.4  | 7.0  | 8.2  | 3.8                      | 3.4  | 3.8  | 3.2  | 3.6  | 2.5  | 2.4  | 2.7  | 1.9  | 2.0  | 4.1                     | 3.3  | 4.6  | 3.8  | 4.6  |
| Manufacturing                                     | 7.7                    | 8.0  | 7.6  | 7.4  | 7.3  | 3.9                      | 3.4  | 3.8  | 3.6  | 3.5  | 1.6  | 1.4  | 1.5  | 1.3  | 1.3  | 3.9                     | 4.6  | 3.7  | 3.9  | 3.9  |
| Wholesale<br>Trade                                | 5.7                    | 4.6  | 5.8  | 3.9  | 4.7  | 3.1                      | 2.5  | 2.9  | 2.2  | 2.2  | 1.5  | 1.5  | 1.5  | 1.3  | 1.1  | 2.6                     | 2.1  | 2.9  | 1.8  | 2.5  |
| Retail Trade                                      | 5.5                    | 5.1  | 4.8  | 4.7  | 5.6  | 2.4                      | 2.2  | 2.0  | 2.1  | 2.8  | 1.1  | 0.9  | 1.0  | 1.0  | 1.2  | 3.1                     | 2.9  | 2.8  | 2.6  | 2.8  |
| Transportation<br>& Warehousing                   | 6.6                    | 5.5  | 5.6  | 5.4  | 5.7  | 4.8                      | 3.3  | 3.6  | 3.7  | 3.6  | 3.1  | 1.7  | 2.0  | 1.7  | 1.7  | 1.9                     | 2.2  | 2.0  | 1.7  | 2.2  |
| Utilities   | n/a                    | 4.5  | 5.1  | 4.6  | 4.2  | n/a                      | 1.9  | 1.8  | 1.7  | 1.3  | n/a  | 0.8  | 0.8  | 0.9  | 0.9  | n/a                     | 2.6  | 3.3  | 2.9  | 3.0  |
| Information                                       | 1.5                    | 1.8  | 1.2  | 1.6  | 2.4  | 0.6                      | 0.7  | 0.6  | 0.6  | 0.8  | 0.3  | 0.4  | 0.5  | 0.4  | 0.5  | 0.9                     | 1.0  | 0.6  | 1.0  | 1.6  |
| Finance and<br>Insurance                          | 1.0                    | 1.3  | 1.1  | 1.3  | 1.5  | 0.4                      | 0.5  | 0.4  | 0.2  | 0.4  | 0.2  | 0.3  |      | 0.1  | 0.3  | 0.5                     | 0.8  | 0.7  | 1.0  | 1.1  |
| Real Estate<br>and Rental and<br>Leasing          | 5.0                    | 3.8  | 3.7  | 3.6  | 6.5  | 2.9                      | 2.0  | 2.1  | 1.4  | 3.5  | 1.2  | 1.4  | 1.2  | 1.1  | 1.1  | 2.1                     | 1.9  | 1.6  | 2.2  | 3.0  |
| Professional,<br>Scientific, and<br>Technical Svs | 1.6                    | 2.4  | 1.6  |      | 1.5  | 0.7                      | 1.1  | 0.6  |      | 0.5  | 0.3  | 0.7  | 0.3  |      | 0.1  | 0.9                     | 1.3  | 1.0  |      | 0.9  |
| Mgmt of<br>Companies<br>and<br>Enterprises        | n/a                    | 2.6  | 2.5  | 2.4  | 1.2  | n/a                      | 1.1  | 0.3  | 1.6  | 0.6  | n/a  | 0.4  |      | 0.7  |      | n/a                     | 1.5  | 2.2  | 0.9  | 0.6  |

\*Per 100 Full-time Equivalent Non-Federal Workers

Source: U.S. Department of Labor, Bureau of Labor Statistics



**Table 2-5 continued**  
**Kansas Non-Fatal Occupational Injury & Illness Incidence Rate\* by NAICS Super Sector**  
**2003 - 2007**

| Industrial Super Sector                                       | Total Recordable Cases |      |      |      |      | Total Lost Workday Cases |      |      |      |      | Lost Workday Cases w/ Days Away from Work |      |      |      |      | Cases w/o lost workdays |      |      |      |      |
|---|------------------------|------|------|------|------|--------------------------|------|------|------|------|---|------|------|------|------|-------------------------|------|------|------|------|
|   | 2003                   | 2004 | 2005 | 2006 | 2007 | 2003                     | 2004 | 2005 | 2006 | 2007 | 2003                                      | 2004 | 2005 | 2006 | 2007 | 2003                    | 2004 | 2005 | 2006 | 2007 |
| Administrative and Support and Waste Mgmt and Remediation Svs | 8.7                    | 8.5  | 2.5  | 3.6  | 3.1  | 6.8                      | 4.3  | 1.7  | 1.8  | 1.3  | 3.7                                       | 1.6  | 0.7  | 1.1  | 0.9  | 1.9                     | 4.3  | 0.8  | 1.9  | 1.8  |
| Educational Svs   | 3.1                    | 3.0  | 3.1  | 2.4  | 2.2  | 1.1                      | 1.0  | 0.7  | 0.8  | 0.6  | 0.6                                       | 0.8  | 0.4  | 0.6  | 0.4  | 1.9                     | 2.0  | 2.5  | 1.6  | 1.6  |
| Health Care and Social Assistance                             | 6.9                    | 8.0  | 6.4  | 6.5  | 5.6  | 2.9                      | 3.1  | 2.7  | 2.6  | 2.5  | 1.0                                       | 1.1  | 1.2  | 1.0  | 1.1  | 4.0                     | 4.9  | 3.6  | 3.9  | 3.1  |
| Arts, Entertainment & Recreation                              | 6.2                    | 6.8  | 6.0  | 5.0  | 5.6  | 2.4                      | 3.5  | 2.3  | 1.8  | 1.6  | 1.4                                       | 1.7  | 1.0  | 1.0  | 0.9  | 3.8                     | 3.3  | 3.8  | 3.1  | 4.1  |
| Accommodation and Food Svs                                    | 5.3                    | 4.9  | 7.6  | 5.1  | 4.9  | 1.4                      | 1.0  | 1.3  | 1.1  | 1.7  | 0.8                                       | 0.6  | 0.6  | 0.8  | 1.0  | 3.9                     | 3.8  | 6.3  | 3.9  | 3.2  |
| Other Svs except Public Administration                        | 4.2                    | 4.3  | 3.7  | 4.6  | 4.1  | 1.7                      | 1.7  | 1.5  | 1.7  | 2.7  | 1.0                                       | 0.6  | 0.9  | 1.3  |      | 2.5                     | 2.6  | 2.1  | 2.9  | 1.4  |

\*Per 100 Full-time Equivalent Non-Federal Workers

Source: U.S. Department of Labor, Bureau of Labor Statistics

**Table 2-6**  
**National Non-Fatal Occupational Injury & Illness Incidence Rate\* by NAICS Super Sector**  
**2003 - 2007**

| Industrial<br>Super Sector  | Total Recordable Cases |      |      |      |      | Total Lost Workday Cases |      |      |      |      | Lost Workday Cases w/ Days Away<br>from Work |      |      |      |      | Cases w/o lost workdays |      |      |      |      |
|---|------------------------|------|------|------|------|--------------------------|------|------|------|------|--|------|------|------|------|-------------------------|------|------|------|------|
|   | 2003                   | 2004 | 2005 | 2006 | 2007 | 2003                     | 2004 | 2005 | 2006 | 2007 | 2003   | 2004 | 2005 | 2006 | 2007 | 2003                    | 2004 | 2005 | 2006 | 2007 |
| Mining  | 3.3                    | 3.8  | 3.6  | 3.5  | 3.1  | 2.0                      | 2.3  | 2.2  | 2.1  | 2.0  | 1.4  | 1.6  | 1.5  | 1.4  | 1.4  | 1.2                     | 1.5  | 1.4  | 1.4  | 1.1  |
| Construction  | 6.8                    | 6.4  | 6.3  | 5.9  | 5.4  | 3.6                      | 3.4  | 3.4  | 3.2  | 2.8  | 2.6  | 2.4  | 2.4  | 2.2  | 1.9  | 3.2                     | 3.0  | 2.9  | 2.7  | 2.6  |
| Manufacturing   | 6.8                    | 6.6  | 6.3  | 6.0  | 5.6  | 3.8                      | 3.6  | 3.5  | 3.3  | 3.0  | 1.6  | 1.6  | 1.5  | 1.4  | 1.3  | 3.1                     | 3.0  | 2.8  | 2.7  | 2.5  |
| Wholesale<br>Trade  | 4.7                    | 4.5  | 4.5  | 4.1  | 4.0  | 2.8                      | 2.7  | 2.7  | 2.5  | 2.4  | 1.5  | 1.5  | 1.5  | 1.3  | 1.3  | 1.9                     | 1.8  | 1.8  | 1.6  | 1.6  |
| Retail Trade  | 5.3                    | 5.3  | 5.0  | 4.9  | 4.8  | 2.7                      | 2.7  | 2.6  | 2.6  | 2.5  | 1.6  | 1.5  | 1.5  | 1.4  | 1.4  | 2.6                     | 2.6  | 2.4  | 2.4  | 2.3  |
| Transportation<br>&<br>Warehousing  | 7.8                    | 7.3  | 7.0  | 6.5  | 6.4  | 5.4                      | 4.9  | 4.6  | 4.3  | 4.3  | 3.5  | 3.1  | 2.9  | 2.7  | 2.7  | 2.4                     | 2.4  | 2.4  | 2.2  | 2.1  |
| Utilities   | 4.4                    | 5.2  | 4.6  | 4.1  | 4.0  | 2.2                      | 2.5  | 2.4  | 2.2  | 2.1  | 1.2  | 1.4  | 1.3  | 1.2  | 1.2  | 2.2                     | 2.7  | 2.3  | 1.9  | 1.9  |
| Information   | 2.2                    | 2.0  | 2.1  | 1.9  | 2.0  | 1.1                      | 1.0  | 1.1  | 1.0  | 1.1  | 0.8  | 0.8  | 0.7  | 0.7  | 0.7  | 1.1                     | 0.9  | 1.0  | 0.9  | 1.0  |
| Finance and<br>Insurance  | 1.1                    | 0.9  | 1.0  | 0.9  | 0.9  | 0.4                      | 0.3  | 0.4  | 0.3  | 0.4  | 0.3  | 0.2  | 0.3  | 0.2  | 0.3  | 0.7                     | 0.6  | 0.6  | 0.6  | 0.6  |
| Real Estate<br>and Rental<br>and Leasing  | 3.9                    | 3.7  | 3.7  | 3.3  | 2.9  | 2.1                      | 1.9  | 2.1  | 1.8  | 1.6  | 1.5  | 1.3  | 1.3  | 1.1  | 1.0  | 1.8                     | 1.8  | 1.6  | 1.5  | 1.4  |
| Professional,<br>Scientific, and<br>Technical Svs<br>Mgmt of<br>Companies<br>and<br>Enterprises | 1.3                    | 1.3  | 1.4  | 1.2  | 1.3  | 0.6                      | 0.5  | 0.6  | 0.5  | 0.5  | 0.4  | 0.3  | 0.4  | 0.3  | 0.3  | 0.7                     | 0.8  | 0.8  | 0.7  | 0.8  |
|   | 3.0                    | 2.7  | 2.4  | 2.1  | 1.9  | 1.6                      | 1.5  | 1.3  | 1.1  | 0.9  | 0.9  | 0.7  | 0.6  | 0.6  | 0.5  | 1.3                     | 1.2  | 1.1  | 1.1  | 1.0  |

\*Per 100 Full-time Equivalent Non-Federal Workers

Source: U.S. Department of Labor, Bureau of Labor Statistics

**Table 2-6 continued**  
**National Non-Fatal Occupational Injury & Illness Incidence Rate\* by NAICS Super Sector**  
**2003 - 2007**

| Industrial Super Sector                                       | Total Recordable Cases |      |      |      |      | Total Lost Workday Cases |      |      |      |      | Lost Workday Cases w/ Days Away from Work |      |      |      |      | Cases w/o lost workdays |      |      |      |      |
|---|------------------------|------|------|------|------|--------------------------|------|------|------|------|---|------|------|------|------|-------------------------|------|------|------|------|
|   | 2003                   | 2004 | 2005 | 2006 | 2007 | 2003                     | 2004 | 2005 | 2006 | 2007 | 2003                                      | 2004 | 2005 | 2006 | 2007 | 2003                    | 2004 | 2005 | 2006 | 2007 |
| Administrative and Support and Waste Mgmt and Remediation Svs | 4.0                    | 3.7  | 3.7  | 3.4  | 3.3  | 2.4                      | 2.2  | 2.0  | 1.9  | 1.8  | 1.6                                       | 1.4  | 1.3  | 1.2  | 1.2  | 1.6                     | 1.5  | 1.7  | 1.5  | 1.5  |
| Educational Svs   | 2.7                    | 2.5  | 2.4  | 2.3  | 2.4  | 1.2                      | 1.0  | 1.0  | 0.9  | 1.0  | 0.8                                       | 0.7  | 0.7  | 0.7  | 0.7  | 1.5                     | 1.5  | 1.5  | 1.4  | 1.5  |
| Health Care and Social Assistance                             | 6.5                    | 6.2  | 5.9  | 5.8  | 5.6  | 3.1                      | 2.9  | 2.8  | 2.7  | 2.5  | 1.7                                       | 1.6  | 1.6  | 1.5  | 1.4  | 3.3                     | 3.3  | 3.1  | 3.2  | 3.1  |
| Arts, Entertainment & Recreation                              | 5.9                    | 5.9  | 6.1  | 5.3  | 5.3  | 2.9                      | 3.1  | 2.9  | 2.5  | 2.5  | 1.6                                       | 1.5  | 1.6  | 1.3  | 1.4  | 3.0                     | 2.9  | 3.2  | 2.8  | 3.1  |
| Accommodation and Food Svs                                    | 5.0                    | 4.5  | 4.5  | 4.5  | 4.4  | 2.0                      | 1.7  | 1.7  | 1.7  | 1.6  | 1.3                                       | 1.1  | 1.0  | 1.1  | 1.0  | 3.0                     | 2.8  | 2.8  | 2.8  | 2.8  |
| Other Svs except Public Administration                        | 3.4                    | 3.2  | 3.2  | 2.9  | 3.1  | 1.7                      | 1.6  | 1.5  | 1.4  | 1.5  | 1.1                                       | 1.1  | 1.0  | 0.9  | 1.0  | 1.7                     | 1.6  | 1.7  | 1.5  | 1.7  |

\*Per 100 Full-time Equivalent Non-Federal Workers

Source: U.S. Department of Labor, Bureau of Labor Statistics

## Occupational Injuries and Illnesses by County

Table 2-7 lists the Kansas counties reporting the greatest number of total injuries and illnesses in FY 2008.

- As expected, counties with the largest population totals report the greatest number of occupational injuries and illnesses.
- Kansas' largest city, Wichita, is located in Sedgwick County, which reported the most cases.
- Johnson County, part of metropolitan Kansas City, includes the second and fifth largest cities in Kansas (Overland Park and Olathe, respectively) and reported the second highest number of total injuries and illnesses.
- 51.6 percent of the total injuries and illnesses reported in Sedgwick County and 63.9 percent of total cases from Johnson County resulted in no time lost from work. Shawnee County, which includes the capital of Topeka, had the third largest number of reported total cases at 4,837 with 61.2 percent resulting in no time lost.

The aggregate totals for all Kansas counties are listed in Table 2-15.

**Table 2-7**  
**Counties Reporting Greatest Number of Total Injuries & Illnesses FY 2008**

| County    | No Time Lost | Time Lost | Fatal | Total Inj/III |
|-----------|--------------|-----------|-------|---------------|
| SEDGWICK  | 6,063        | 5,677     | 5     | 11,745        |
| JOHNSON   | 6,236        | 3,511     | 5     | 9,752         |
| SHAWNEE   | 2,958        | 1,876     | 3     | 4,837         |
| UNKNOWN   | 3,391        | 1,206     | 6     | 4,603         |
| WYANDOTTE | 2,126        | 1,872     | 1     | 3,999         |
| SALINE    | 1,330        | 614       | 1     | 1,945         |
| DOUGLAS   | 1,276        | 629       | 2     | 1,907         |
| RILEY     | 860          | 826       | 1     | 1,687         |
| RENO      | 951          | 603       |       | 1,554         |
| FORD      | 881          | 449       |       | 1,330         |

Source: Kansas Division of Workers Compensation

## Source of Occupational Injury and Illness

Table 2-8 lists the most frequent source of occupational injuries and illnesses by severity in Fiscal Year 2008.

- The most frequent source of "Total Injuries and Illnesses" and "Time Lost" cases in FY 2008 fell in the "No explanation" category.
- "Person, other than injured" accounted for the second most frequently reported source of "Total Injury and Illness" and the most reported source of "No Time Lost" cases and the third most reported source of "Time Lost" cases.

The aggregate totals for all types of sources of injury and illness are listed in Table 2-16.

**Table 2-8**  
**Most Frequent Source of Occupational Injuries & Illnesses**  
**by Severity FY 2008**

| Source                                  | No Time Lost | Time Lost | Fatal | Total Inj/Ill |
|---|--------------|-----------|-------|---------------|
| NO EXPLANATION                          | 824          | 25,318    | 12    | 26,154        |
| PERSON, OTHER THAN INJURED              | 3,464        | 484       | 2     | 3,950         |
| BODILY MOTION                           | 3,231        | 559       |       | 3,790         |
| MISCELLANEOUS (EARPLUGS, SHEETROCK ETC) | 2,419        | 443       | 2     | 2,864         |
| BOXES, BARRELS, CONTAINERS, PACKAGES    | 2,079        | 406       |       | 2,485         |
| FURNITURE, FIXTURES, FURNISHINGS ETC    | 1,947        | 284       |       | 2,231         |
| BUILDINGS & STRUCTURES (WALLS, FENCES)  | 1,283        | 255       |       | 1,538         |
| HAND TOOLS, NOT POWERED                 | 1,084        | 131       |       | 1,215         |
| KNIFE OR RAZOR                          | 1,117        | 97        |       | 1,214         |
| METAL ITEMS, UNS                        | 1,061        | 138       | 1     | 1,200         |

Source: Kansas Division of Workers Compensation

### Cause of Occupational Injury and Illness

Table 2-9 lists the most frequent causes of occupational injuries and illnesses by severity in Fiscal Year 2008.

- The physical act of lifting is the most frequent cause of occupational injury for “Total Injury and Illness”, “Time Lost” and “No Time Lost” cases.
- Forty-seven percent of lifting injuries result in time lost for the injured worker.
- Strain or injury by miscellaneous were the second most frequent cause of “Total Injury and Illness” cases.

The aggregate totals for all causes of injury and illness are listed in Table 2-17.

**Table 2-9**  
**Most Frequent Causes of Occupational Injuries &**  
**Illnesses by Severity FY 2008**

| Cause                                       | No Time Lost | Time Lost | Fatality | Total Inj/Ill |
|---|--------------|-----------|----------|---------------|
| LIFTING                                     | 3,593        | 3,192     |          | 6,785         |
| STRAIN OR INJURY BY MISCELLANEOUS           | 1,592        | 2,033     |          | 3,625         |
| FALL OR SLIP INJURY MISCELLANEOUS           | 1,615        | 1,949     | 3        | 3,567         |
| OBJECT BEING LIFTED OR HANDLED              | 2,160        | 1,129     |          | 3,289         |
| FALLING OR FLYING OBJECT                    | 1,834        | 1,260     | 3        | 3,097         |
| HAND TOOL, UTENSIL; NOT POWERED             | 1,956        | 959       |          | 2,915         |
| STRUCK OR INJURED BY FELLOW WORKER, PATIENT | 2,067        | 704       |          | 2,771         |
| PUSHING OR PULLING                          | 1,486        | 1,111     |          | 2,597         |
| FALL, SLIP, OR TRIP INJURY ON ICE OR SNOW   | 1,442        | 1,122     |          | 2,564         |
| REPETITIVE MOTION                           | 1,489        | 1,074     |          | 2,563         |

Source: Kansas Division of Workers Compensation

### **Nature of Occupational Injury and Illness**

Table 2-10 lists the most frequent nature of occupational injuries and illnesses by severity in FY 008.

- All other specific injuries (not otherwise classified) are the most nature of injury at 14,891 reported cases in FY 2008 and the most common cause of “No Time Lost” injuries at 10,896 cases or seventy-three percent of the total injuries reported.
- Strains are the second most common nature of injury reported but they account for the most “Time Lost” cases. Lacerations are the third most reported nature of injury.
- Forty-three percent of the reported strains and fifty-seven percent of reported lacerations did not result in lost work time.

The aggregate totals for all natures of injury and illness are listed in Table 2-18.

**Table 2-10**  
**Most Frequent Nature of Occupational Injuries & Illnesses**  
**by Severity FY 2008**

| Nature                           | No Time Lost | Time Lost | Fatal | Total Inj/III |
|----------------------------------|--------------|-----------|-------|---------------|
| ALL OTHER SPECIFIC INJURIES, NOC | 10,896       | 3,980     | 15    | 14,891        |
| STRAIN                           | 6,253        | 8,142     |       | 14,395        |
| LACERATION                       | 5,525        | 4,083     | 1     | 9,609         |
| CONTUSION                        | 3,535        | 4,053     |       | 7,588         |
| SPRAIN                           | 1,788        | 1,811     |       | 3,599         |
| PUNCTURE                         | 2,070        | 1,216     | 1     | 3,287         |
| FOREIGN BODY                     | 1,563        | 1,206     |       | 2,769         |
| FRACTURE                         | 969          | 1,409     | 2     | 2,380         |
| MULTIPLE PHYSICAL INJURIES ONLY  | 979          | 986       | 9     | 1,974         |
| BURN                             | 844          | 700       |       | 1,544         |

Source: Kansas Division of Workers Compensation

### **Body Member Associated with Occupational Injury and Illness**

Table 2-11 lists the body member most frequently associated with reported occupational injuries and illnesses for FY 2008.

- Injuries and illnesses involving fingers constitute the greatest number of total reported cases.
- Injuries involving multiple body parts had the second greatest total frequency for FY 2008.
- Of cases involving fingers, 58 percent resulted in “No Time Lost” and only 42 percent require time away from work. In contrast, 56.1 percent of injuries involving multiple body parts are “No Time Lost” cases while 43.7 percent result in “Time Lost” for the worker.

The aggregate totals for all body members associated with injury and illness are listed in Table 2-19.

**Table 2-11**  
**Most Frequent Body Member Reported in Occupational**  
**Injuries & Illnesses by Severity FY 2008**

| Body Member   | No Time Lost | Time Lost | Fatal | Total Inj/Ill |
|---|--------------|-----------|-------|---------------|
| FINGER(S)   | 4,316        | 3,166     |       | 7,482         |
| MULTIPLE BODY PARTS (INCLUDING BODY SYSTEMS AND BODY PARTS) | 3,429        | 2,673     | 9     | 6,111         |
| LOW BACK AREA (LUMBAR, LUMBOSACRAL)                         | 2,861        | 3,081     |       | 5,942         |
| KNEE  | 2,462        | 2,380     |       | 4,842         |
| HAND  | 2,247        | 1,890     |       | 4,137         |
| SHOULDER(S)   | 1,911        | 1,849     |       | 3,760         |
| EYE(S)  | 2,006        | 1,619     |       | 3,625         |
| MULTIPLE UPPER EXTREMITIES                                  | 2,588        | 877       |       | 3,465         |
| WRIST   | 1,409        | 1,186     |       | 2,595         |
| ANKLE   | 1,208        | 1,213     |       | 2,421         |

Source: Kansas Division of Workers Compensation

### Industries with Greatest Number of Total Occupational Injuries and Illnesses

Tables 2-12 and 2-13 list the industries, by both the Standard Industrial Classification (SIC) and North American Industrial Classification System (NAICS), in Kansas that reported the greatest number of total occupational injuries and illnesses to the Division of Workers Compensation over the past fiscal year. The division accepts either SIC or NAICS (both 1997 & 2002) codes for reporting the industry associated with the occupational injury or illness.

- For injuries reported under the SIC system, executive and legislative offices ranked first in total frequency for FY 2008; however, of the total reported injuries and illnesses for this classification, 50 percent were “No Time Lost” cases (see Table 2-12).
- For SIC classified industries, general medical and surgical hospitals reported the second largest number of total injuries and illnesses and 76 percent were “No Time Lost” cases (see Table 2-12).
- For NAICS classified industries, other general government support ranked second in total frequency for FY 2008; however, of the reported injuries and illnesses, 81 percent were “No Time Lost” cases (see Table 2-13).
- For NAICS classified industries, elementary and secondary schools reported the third largest number of total injuries and illnesses and 42 percent were “No Time Lost” cases (see Table 2-13).

The aggregate totals for all industries are listed in Tables 2-20 (SIC) and 2-21 (NAICS).



**Table 2-12**  
**Most Frequent SIC Code Reported in Occupational**  
**Injuries & Illnesses by Severity FY 2008**

| SIC   | No Time Lost | Time Lost | Fatal | Total Inj/Ill |
|---|--------------|-----------|-------|---------------|
| EXECUTIVE AND LEGISLATIVE OFFICES, COMBINED | 1,359        | 1,340     |       | 2,699         |
| GENERAL MEDICAL AND SURGICAL HOSPITALS      | 1,586        | 513       |       | 2,099         |
| EATING AND DRINKING PLACES                  | 1,355        | 682       |       | 2,037         |
| MEAT PACKING PLANTS                         | 1,422        | 237       |       | 1,659         |
| SKILLED NURSING CARE FACILITIES             | 947          | 286       |       | 1,233         |
| BUSINESS SERVICES, NEC                      | 704          | 456       | 4     | 1,164         |
| GROCERY STORES                              | 460          | 650       |       | 1,110         |
| ELEMENTARY AND SECONDARY SCHOOLS            | 500          | 316       |       | 816           |
| HELP SUPPLY SERVICES                        | 421          | 365       |       | 786           |
| VARIETY STORES                              | 433          | 243       | 3     | 679           |

Source: Kansas Division of Workers Compensation

**Table 2-13**  
**Most Frequent NAICS Code Reported in Occupational**  
**Injuries & Illnesses by Severity FY 2008**

| NAICS   | No Time Lost | Time Lost | Fatal | Total Inj/Ill |
|---|--------------|-----------|-------|---------------|
| UNCLASSIFIABLE  | 2,424        | 2,567     | 3     | 4,994         |
| OTHER GENERAL GOVERNMENT SUPPORT                      | 3,702        | 837       | 4     | 4,543         |
| ELEMENTARY AND SECONDARY SCHOOLS                      | 1,372        | 1,895     |       | 3,267         |
| GENERAL MEDICAL AND SURGICAL HOSPITALS                | 797          | 670       |       | 1,467         |
| AIRCRAFT ENGINE AND ENGINE PARTS MANUFACTURING (PT)   | 91           | 1,024     |       | 1,115         |
| NURSING CARE FACILITIES                               | 350          | 230       | 1     | 581           |
| TIRE MANUFACTURING (EXCEPT RETREADING)                | 1            | 522       |       | 523           |
| FULL-SERVICE RESTAURANTS                              | 158          | 329       |       | 487           |
| OTHER BUSINESS SERVICE CENTERS (INCLUDING COPY SHOPS) | 251          | 155       |       | 406           |
| LIMITED-SERVICE RESTAURANTS                           | 158          | 169       |       | 327           |

Source: Kansas Division of Workers Compensation

## Age Characteristics of Injured Workers

Table 2-14 lists the age characteristics of injured workers for FY 2008.

- Workers ages 20-29 (17,424), 30-39 (14,889) and 40-49 (16,299) report the greatest total number of injuries and illnesses to the Division of Workers Compensation for FY 2008.
- The percentage of no time lost injuries was 56 percent for the 20-29 stratum, 55 percent for the 30-39 stratum and was 55 percent for the 40-49 stratum.

**Table 2-14**  
**Occupational Injuries & Illnesses by Age FY 2008**

| Age        | No Time<br>Lost | Time Lost | Fatal | Total Inj/Ill |
|------------|-----------------|-----------|-------|---------------|
| 19 & UNDER | 1,868           | 1,399     |       | 3,267         |
| 20 - 29    | 9,793           | 7,626     | 5     | 17,424        |
| 30 - 39    | 8,163           | 6,723     | 3     | 14,889        |
| 40 - 49    | 8,942           | 7,342     | 15    | 16,299        |
| 50 - 59    | 7,374           | 6,186     | 14    | 13,574        |
| 60 - 69    | 2,219           | 1,800     | 6     | 4,025         |
| 70 - 79    | 270             | 284       |       | 554           |
| 80 & UP    | 42              | 57        |       | 99            |
| UNKNOWN    | 107             | 25        |       | 132           |

Source: Kansas Division of Workers Compensation

**Table 2-15**  
**Location (County) of Occupational Injuries & Illnesses by**  
**Severity FY 2008**

| Kansas County | No Time<br>Lost | Time Lost | Fatality | Total Inj/III |
|---------------|-----------------|-----------|----------|---------------|
| ALLEN         | 210             | 105       |          | 315           |
| ANDERSON      | 37              | 41        |          | 78            |
| ATCHISON      | 380             | 267       |          | 647           |
| BARBER        | 52              | 51        |          | 103           |
| BARTON        | 364             | 427       | 1        | 792           |
| BOURBON       | 196             | 155       |          | 351           |
| BROWN         | 107             | 117       |          | 224           |
| BUTLER        | 477             | 624       | 1        | 1,102         |
| CHASE         | 14              | 16        |          | 30            |
| CHAUTAUQUA    | 20              | 23        |          | 43            |
| CHEROKEE      | 135             | 138       |          | 273           |
| CHEYENNE      | 37              | 16        |          | 53            |
| CLARK         | 21              | 64        |          | 85            |
| CLAY          | 125             | 138       | 1        | 264           |
| CLOUD         | 151             | 69        |          | 220           |
| COFFEY        | 99              | 109       |          | 208           |
| COMANCHE      | 18              | 11        |          | 29            |
| COWLEY        | 524             | 347       |          | 871           |
| CRAWFORD      | 293             | 439       |          | 732           |
| DECATUR       | 39              | 18        |          | 57            |
| DICKINSON     | 280             | 231       |          | 511           |
| DONIPHAN      | 118             | 63        | 1        | 182           |
| DOUGLAS       | 1,276           | 629       | 2        | 1,907         |
| EDWARDS       | 39              | 33        |          | 72            |
| ELK           | 11              | 12        |          | 23            |
| ELLIS         | 363             | 356       |          | 719           |
| ELLSWORTH     | 183             | 53        | 1        | 237           |
| FINNEY        | 690             | 508       |          | 1,198         |
| FORD          | 881             | 449       |          | 1,330         |
| FOREIGN       | 1               |           |          | 1             |
| FRANKLIN      | 487             | 240       | 1        | 728           |
| GEARY         | 525             | 273       |          | 798           |
| GOVE          | 22              | 63        |          | 85            |
| GRAHAM        | 29              | 28        |          | 57            |
| GRANT         | 118             | 69        |          | 187           |
| GRAY          | 30              | 76        | 1        | 107           |
| GREELEY       | 41              | 21        |          | 62            |
| GREENWOOD     | 58              | 85        |          | 143           |
| HAMILTON      | 50              | 39        |          | 89            |
| HARPER        | 109             | 64        |          | 173           |

Source: Kansas Division of Workers Compensation

**Table 2-15 continued**  
**Location (County) of Occupational Injuries & Illnesses by**  
**Severity FY 2008**

| Kansas County | No Time<br>Lost | Time Lost | Fatality | Total Inj/Ill |
|---------------|-----------------|-----------|----------|---------------|
| HARVEY        | 511             | 360       | 2        | 873           |
| HASKELL       | 48              | 76        |          | 124           |
| HODGEMAN      | 15              | 15        | 1        | 31            |
| JACKSON       | 118             | 66        |          | 184           |
| JEFFERSON     | 67              | 80        |          | 147           |
| JEWELL        | 22              | 17        |          | 39            |
| JOHNSON       | 6,236           | 3,511     | 5        | 9,752         |
| KEARNY        | 20              | 40        |          | 60            |
| KINGMAN       | 51              | 38        |          | 89            |
| KIOWA         | 30              | 46        |          | 76            |
| LABETTE       | 473             | 352       |          | 825           |
| LANE          | 19              | 11        |          | 30            |
| LEAVENWORTH   | 506             | 409       |          | 915           |
| LINCOLN       | 40              | 19        |          | 59            |
| LINN          | 62              | 28        |          | 90            |
| LOGAN         | 27              | 39        |          | 66            |
| LYON          | 872             | 315       |          | 1,187         |
| MARION        | 63              | 78        |          | 141           |
| MARSHALL      | 165             | 162       |          | 327           |
| MCPHERSON     | 480             | 327       |          | 807           |
| MEADE         | 39              | 32        |          | 71            |
| MIAMI         | 398             | 292       |          | 690           |
| MITCHELL      | 61              | 199       |          | 260           |
| MONTGOMERY    | 575             | 441       |          | 1,016         |
| MORRIS        | 40              | 35        |          | 75            |
| MORTON        | 50              | 34        | 1        | 85            |
| NEMAHA        | 138             | 164       | 2        | 304           |
| NEOSHO        | 186             | 254       |          | 440           |
| NESS          | 41              | 78        |          | 119           |
| NORTON        | 113             | 74        |          | 187           |
| OSAGE         | 61              | 84        |          | 145           |
| OSBORNE       | 46              | 30        |          | 76            |
| OTHER STATE   | 893             | 195       | 3        | 1,091         |
| OTTAWA        | 42              | 60        |          | 102           |
| PAWNEE        | 255             | 92        |          | 347           |
| PHILLIPS      | 55              | 103       |          | 158           |
| POTTAWATOMIE  | 220             | 167       |          | 387           |
| PRATT         | 120             | 143       |          | 263           |
| RAWLINS       | 16              | 26        |          | 42            |
| RENO          | 951             | 603       |          | 1,554         |

Source: Kansas Division of Workers Compensation

**Table 2-15 continued**  
**Location (County) of Occupational Injuries & Illnesses by**  
**Severity FY 2008**

| Kansas County | No Time<br>Lost | Time Lost | Fatality | Total Inj/III |
|---------------|-----------------|-----------|----------|---------------|
| REPUBLIC      | 45              | 60        |          | 105           |
| RICE          | 59              | 99        |          | 158           |
| RILEY         | 860             | 826       | 1        | 1,687         |
| ROOKS         | 68              | 48        |          | 116           |
| RUSH          | 28              | 34        |          | 62            |
| RUSSELL       | 78              | 63        | 1        | 142           |
| SALINE        | 1,330           | 614       | 1        | 1,945         |
| SCOTT         | 59              | 63        |          | 122           |
| SEDGWICK      | 6,063           | 5,677     | 5        | 11,745        |
| SEWARD        | 451             | 287       |          | 738           |
| SHAWNEE       | 2,958           | 1,876     | 3        | 4,837         |
| SHERIDAN      | 20              | 19        |          | 39            |
| SHERMAN       | 58              | 39        |          | 97            |
| SMITH         | 25              | 90        |          | 115           |
| STAFFORD      | 34              | 32        |          | 66            |
| STANTON       | 33              | 22        |          | 55            |
| STEVENS       | 43              | 56        |          | 99            |
| SUMNER        | 167             | 126       |          | 293           |
| THOMAS        | 78              | 95        | 1        | 174           |
| TREGO         | 32              | 47        |          | 79            |
| UNKNOWN       | 1,206           | 3,391     | 6        | 4,603         |
| WABAUNSEE     | 20              | 30        |          | 50            |
| WALLACE       | 12              | 6         |          | 18            |
| WASHINGTON    | 33              | 56        |          | 89            |
| WICHITA       | 20              | 34        |          | 54            |
| WILSON        | 115             | 290       | 1        | 406           |
| WOODSON       | 22              | 28        |          | 50            |
| WYANDOTTE     | 2,126           | 1,872     | 1        | 3,999         |

Source: Kansas Division of Workers Compensation

**Table 2-16**  
**Reported Source of Occupational Injuries & Illnesses by**  
**Severity FY 2008**

| Source                                      | No Time<br>Lost | Time Lost | Fatal | Total Inj/III |
|---|-----------------|-----------|-------|---------------|
| AIR PRESSURE                                | 24              | 4         |       | 28            |
| AIRCRAFT                                    | 16              | 7         |       | 23            |
| ANIMAL PRODUCTS                             | 295             | 47        |       | 342           |
| ANIMALS, INSECTS, ETC, UNS                  | 852             | 104       | 1     | 957           |
| BLOOD                                       | 197             | 7         |       | 204           |
| BOAT OR SHIP                                | 2               |           |       | 2             |
| BODILY MOTION                               | 3,231           | 559       |       | 3,790         |
| BOILERS, PRESSURE VESSELS                   | 21              | 2         |       | 23            |
| BOTTLES, JUGS, FLASKS, ETC                  | 76              | 14        |       | 90            |
| BOXES, BARRELS, CONTAINERS,<br>PACKAGES     | 2,079           | 406       |       | 2,485         |
| BUILDINGS & STRUCTURES (WALLS,<br>FENCES)   | 1,283           | 255       |       | 1,538         |
| CERAMIC ITEMS (BRICK, CHINA, TILE<br>ETC)   | 75              | 7         |       | 82            |
| CHEMICALS                                   | 614             | 78        |       | 692           |
| CLOTHING, APPAREL, SHOES                    | 153             | 20        |       | 173           |
| COAL AND PETROLEUM PRODUCTS                 | 10              | 1         |       | 11            |
| COLD (ATMOSPHERIC,<br>ENVIRONMENTAL)        | 7               | 1         |       | 8             |
| CONVEYERS                                   | 79              | 15        |       | 94            |
| DRUGS AND MEDICINES                         | 17              | 3         |       | 20            |
| EARTHMOVING & HIWAY CONSTR.<br>MACHINES     | 46              | 21        |       | 67            |
| ELECTRIC APPARATUS (HOUSEHOLD<br>APPLIANCE) | 272             | 45        | 1     | 318           |
| FLAME, FIRE, SMOKE                          | 141             | 21        |       | 162           |
| FLOOR                                       | 986             | 191       |       | 1,177         |
| FOOD PRODUCTS (COOKING OIL)                 | 272             | 38        |       | 310           |
| FORKLIFTS, STACKERS (POWERED<br>VEHICLES)   | 215             | 54        |       | 269           |
| FUMES - (GAS, PAINT)                        | 155             | 28        |       | 183           |
| FURNITURE, FIXTURES, FURNISHINGS<br>ETC     | 1,947           | 284       |       | 2,231         |
| GLASS ITEMS (FIBERGLASS, SEE ALSO<br>650)   | 347             | 42        |       | 389           |
| GROUND OUTDOORS                             | 599             | 128       |       | 727           |
| HAND TOOLS, NOT POWERED                     | 1,084           | 131       |       | 1,215         |
| HAND TOOLS, POWERED                         | 627             | 117       | 1     | 745           |
| HANDTRUCKS,DOLLIES (NON POWERED<br>VEHICLE) | 561             | 97        |       | 658           |

Source: Kansas Division of Workers Compensation

**Table 2-16 continued**  
**Reported Source of Occupational Injuries & Illnesses by**  
**Severity FY 2008**

| Source                                      | No Time<br>Lost | Time Lost | Fatal | Total Inj/III |
|---|-----------------|-----------|-------|---------------|
| HEAT, ENVIRONMENTAL                         | 100             | 24        | 1     | 125           |
| HEATING EQUIPMENT (FURNACES,<br>STOVES ETC) | 157             | 23        |       | 180           |
| HIGHWAY VEHICLES                            | 334             | 71        | 1     | 406           |
| HOISTING APPARATUS                          | 93              | 16        |       | 109           |
| ICE, SNOW                                   | 1,008           | 189       |       | 1,197         |
| INFECTIOUS, PARASITIC AGENTS<br>(BACTERIA)  | 186             | 16        |       | 202           |
| KNIFE OR RAZOR                              | 1,117           | 97        |       | 1,214         |
| LADDERS                                     | 452             | 140       |       | 592           |
| LIQUIDS (WATER, LIQUIDS NEC)                | 819             | 104       |       | 923           |
| MACHINES, UNS                               | 939             | 177       | 1     | 1,117         |
| METAL CHIPS, SPLINTERS, PARTICLES           | 555             | 77        |       | 632           |
| METAL FASTENERS (BOLTS, NAILS,<br>SCREWS)   | 324             | 40        |       | 364           |
| METAL ITEMS, UNS                            | 1,061           | 138       | 1     | 1,200         |
| METAL PARTS (EXCEPT AUTO,<br>UNASSEMBLED)   | 283             | 34        |       | 317           |
| MINERAL ITEMS (CLAY, SAND, GRAVEL<br>STONE) | 339             | 73        |       | 412           |
| MISCELLANEOUS (EARPLUGS,<br>SHEETROCK ETC)  | 2,419           | 443       | 2     | 2,864         |
| MULTIPLE SOURCES OF INJURY                  | 216             | 48        |       | 264           |
| NEEDLES                                     | 748             | 19        |       | 767           |
| NO EXPLANATION                              | 824             | 25,318    | 12    | 26,154        |
| NOISE                                       | 41              | 2         |       | 43            |
| NONCLASSIFIABLE                             | 158             | 12        |       | 170           |
| OFFICE MACHINES                             | 261             | 29        |       | 290           |
| PALLETS, SKIDS                              | 326             | 58        |       | 384           |
| PAPER AND PULP ITEMS                        | 170             | 24        |       | 194           |
| PARTICLES - UNIDENTIFIED                    | 431             | 36        |       | 467           |
| PERSON, INJURED (HEART FAILER,<br>MENTAL)   | 760             | 145       | 13    | 918           |
| PERSON, OTHER THAN INJURED                  | 3464            | 484       | 2     | 3950          |
| PIPE AND FITTINGS                           | 288             | 57        |       | 345           |
| PIT   | 71              | 12        |       | 83            |
| PLANT OR INDUSTRIAL VEHICLES                | 61              | 19        |       | 80            |
| PLANTS, TREES, VEGETATION                   | 405             | 65        |       | 470           |
| PLASTIC ITEMS                               | 109             | 12        |       | 121           |
| POTS, PANS, DISHES, TRAYS                   | 320             | 39        |       | 359           |

Source: Kansas Division of Workers Compensation

**Table 2-16 continued**  
**Reported Source of Occupational Injuries & Illnesses by**  
**Severity FY 2008**

| Source                                      | No Time<br>Lost | Time Lost | Fatal | Total Inj/Ill |
|---|-----------------|-----------|-------|---------------|
| PRINTING MACHINES                           | 13              | 1         |       | 14            |
| PUMPS & PRIME MOVERS (ENGINES,<br>TURBINES) | 84              | 16        |       | 100           |
| RADIATING SUBSTANCES<br>(ISOTOPES,SUN,XRAY) | 1               |           |       | 1             |
| RAIL VEHICLES (TRAIN)                       | 8               | 3         |       | 11            |
| RAMPS                                       | 60              | 13        |       | 73            |
| RECREATION AND ATHLETIC<br>EQUIPMENT        | 150             | 28        |       | 178           |
| ROOFS                                       | 39              | 17        |       | 56            |
| RUBBER PRODUCTS                             | 247             | 38        |       | 285           |
| RUNWAYS, PLATFORMS                          | 58              | 13        |       | 71            |
| SAWS (NOT HAND TOOLS)                       | 57              | 14        |       | 71            |
| SCRAP, DEBRIS, WASTE MATERIALS<br>(SLAG)    | 223             | 38        |       | 261           |
| SHEARS, SLITTERS, SLICERS                   | 273             | 29        |       | 302           |
| SIDEWALKS, PATHS, WALKWAYS<br>(OUTDOORS)    | 381             | 45        |       | 426           |
| STAIRS, STEPS INCLUDE ESCALATORS            | 757             | 145       |       | 902           |
| STEAM                                       | 17              | 1         |       | 18            |
| STITCHING, SEWING MACHINES                  | 6               |           |       | 6             |
| STREET, ROAD                                | 461             | 85        |       | 546           |
| TEXTILE ITEMS                               | 16              | 3         |       | 19            |
| UNUSED                                      | 1               |           |       | 1             |
| VEHICLES, UNS                               | 487             | 132       | 7     | 626           |
| WOOD ITEMS                                  | 251             | 43        |       | 294           |
| WOOD ITEMS, NEC                             | 66              | 10        |       | 76            |

Source: Kansas Division of Workers Compensation



**Table 2-17**  
**Reported Cause of Occupational Injuries & Illnesses by**  
**Severity FY 2008**

| Cause   | No Time Lost | Time Lost | Fatality | Total Inj/Ill |
|---|--------------|-----------|----------|---------------|
| ABNORMAL AIR PRESSURE - BURN OR SCALD-HEAT OR COLD EXPOSURE                   | 2            | 3         |          | 5             |
| ABSORPTION, INGESTION, OR INHALATION, NOC                                     | 1,071        | 461       |          | 1,532         |
| ACID CHEMICALS  | 119          | 156       |          | 275           |
| ANIMAL OR INSECT  | 798          | 453       |          | 1,251         |
| BROKEN GLASS  | 194          | 150       |          | 344           |
| BURN OR SCALD--HEAT OR COLD EXPOSURE MISCELLANEOUS                            | 72           | 104       |          | 176           |
| CALLOUS BLISTER ETC. CAUSED BY REPETITIVE MOTION                              | 9            | 68        |          | 77            |
| CAUGHT BY COLLAPSING MATERIALS (SLIDES OF EARTH) - EITHER MAN MADE OF NATURAL | 5            | 4         |          | 9             |
| CAUGHT IN OR BETWEEN MISCELLANEOUS  | 706          | 720       | 1        | 1,427         |
| COLLISION WITH A FIXED OBJECT   | 43           | 69        |          | 112           |
| COLLISION WITH ANOTHER VEHICLE  | 371          | 259       | 5        | 635           |
| CONTACT WITH ELECTRIC CURRENT   | 69           | 50        | 1        | 120           |
| CONTACT WITH HOT OBJECT   | 200          | 171       |          | 371           |
| CRASH OF AIRPLANE   | 1            | 3         |          | 4             |
| CRASH OF RAIL VEHICLE   |              | 3         |          | 3             |
| CRASH OF WATER VEHICLE  | 1            | 1         |          | 2             |
| CUMULATIVE INJURY (NOT OTHERWISE CLASSIFIED)                                  | 288          | 239       |          | 527           |
| CUT, PUNCTURE, SCRAPE INJURED BY MISCELLANEOUS                                | 565          | 1,265     |          | 1,830         |
| CUT, PUNCTURE, SCRAPE, INJURED BY OBJECT BEING LIFTED OR HANDLED              | 1,039        | 709       |          | 1,748         |
| DUST, GASES, FUMES OR VAPORS  | 115          | 43        |          | 158           |
| EXPLOSION OR FLARE BACK   | 26           | 20        |          | 46            |
| EXPOSURE TO COLD OBJECTS OR SUBSTANCES  | 11           | 3         |          | 14            |
| FALL OR SLIP INJURY MISCELLANEOUS   | 1,615        | 1,949     | 3        | 3,567         |
| FALL, SLIP OR TRIP INJURY ON STAIRS   | 674          | 440       |          | 1,114         |
| FALL, SLIP OR TRIP INTO OPENINGS - SHAFTS, EXCAVATIONS, FLOOR OPENING         | 154          | 92        |          | 246           |
| FALL, SLIP, OR TRIP INJURY ON ICE OR SNOW                                     | 1,442        | 1,122     |          | 2,564         |
| FALLING OR FLYING OBJECT  | 1,834        | 1,260     | 3        | 3,097         |

Source: Kansas Division of Workers Compensation

**Table 2-17 continued**  
**Reported Cause of Occupational Injuries & Illnesses by**  
**Severity FY 2008**

| Cause   | No Time Lost | Time Lost | Fatality | Total Inj/Ill |
|---|--------------|-----------|----------|---------------|
| FIRE OR FLAME   | 45           | 56        |          | 101           |
| FOREIGN BODY IN EYE                                   | 1,350        | 970       |          | 2,320         |
| FROM DIFFERENT LEVEL                                  | 676          | 725       | 1        | 1,402         |
| FROM LIQUID OR GREASE SPILLS                          | 942          | 579       |          | 1,521         |
| HAND TOOL OR MACHINE IN USE                           | 154          | 279       | 1        | 434           |
| HAND TOOL, UTENSIL; NOT POWERED                       | 1,956        | 959       |          | 2,915         |
| HOLDING OR CARRYING                                   | 524          | 313       |          | 837           |
| JUMPING   | 90           | 83        |          | 173           |
| LADDER OR SCAFFOLDING                                 | 257          | 317       |          | 574           |
| LIFTING   | 3,593        | 3,192     |          | 6,785         |
| MACHINE OR MACHINERY - CAUGHT IN,<br>UNDER OR BETWEEN | 277          | 317       | 1        | 595           |
| MISC OTHER THAN PHYSICAL CAUSE<br>OF INJURY           | 74           | 223       |          | 297           |
| MOTOR VEHICLE   | 54           | 119       | 1        | 174           |
| MOTOR VEHICLE MISCELLANEOUS                           | 150          | 247       | 3        | 400           |
| MOVING PARTS OF MACHINE                               | 71           | 97        |          | 168           |
| MULTIPLE CAUSES OF INJURY                             | 30           | 8         |          | 38            |
| NO EXPLANATION  | 49           | 12        |          | 61            |
| NONCLASSIFIABLE – UNKNOWN                             | 8            | 3         |          | 11            |
| OBJECT BEING LIFTED OR HANDLED                        | 2,160        | 1,129     |          | 3,289         |
| OBJECT HANDLED  | 422          | 389       |          | 811           |
| OBJECT HANDLED BY OTHERS                              | 208          | 118       |          | 326           |
| ON SAME LEVEL   | 920          | 850       |          | 1,770         |
| OTHER INJURY (NOT OTHERWISE<br>CLASSIFIED)            | 876          | 1,235     | 12       | 2,123         |
| POWERED HAND TOOL, APPLIANCE                          | 561          | 493       |          | 1,054         |
| PUSHING OR PULLING                                    | 1,486        | 1,111     |          | 2,597         |
| RADIATION   | 3            | 2         |          | 5             |
| REACHING  | 482          | 299       |          | 781           |
| REPETITIVE MOTION                                     | 1,489        | 1,074     |          | 2,563         |
| ROBBERY OR CRIMINAL ASSAULT                           | 39           | 67        | 1        | 107           |
| RUBBED OR ABRADED, NOC                                | 52           | 66        |          | 118           |
| SANDING, SCRAPING, CLEANING<br>OPERATIONS             | 169          | 41        |          | 210           |
| SLIPPED, DID NOT FALL                                 | 168          | 189       |          | 357           |
| STATIONARY OBJECT                                     | 636          | 533       |          | 1,169         |
| STEAM OR HOT FLUIDS                                   | 231          | 202       |          | 433           |
| STEPPING ON SHARP OBJECT                              | 129          | 77        |          | 206           |

Source: Kansas Division of Workers Compensation

**Table 2-17 continued**  
**Reported Cause of Occupational Injuries & Illnesses by**  
**Severity FY 2008**

| Cause   | No Time<br>Lost | Time Lost | Fatality | Total Inj/Ill |
|---|-----------------|-----------|----------|---------------|
| STRAIN OR INJURY BY CONTINUAL NOISE           | 22              | 11        |          | 33            |
| STRAIN OR INJURY BY MISCELLANEOUS             | 1,592           | 2,033     |          | 3,625         |
| STRAIN OR INJURY BY TWISTING                  | 745             | 707       |          | 1,452         |
| STRAIN OR INJURY BY WELDING OR THROWING       | 91              | 32        |          | 123           |
| STRIKING AGAINST OR STEPPING ON MISCELLANEOUS | 1,473           | 611       |          | 2,084         |
| STRUCK BY OR INJURED BY MISCELLANEOUS         | 370             | 694       |          | 1,064         |
| STRUCK OR INJURED BY FELLOW WORKER, PATIENT   | 2,067           | 704       |          | 2,771         |
| TEMPERATURE EXTREMES                          | 98              | 74        | 1        | 173           |
| USING TOOL OR MACHINE                         | 335             | 212       |          | 547           |
| VEHICLE UPSET                                 | 88              | 100       | 9        | 197           |
| WELDING OPERATIONS                            | 142             | 73        |          | 215           |

Source: Kansas Division of Workers Compensation

**Table 2-18**  
**Reported Nature of Occupational Injuries & Illnesses by**  
**Severity FY 2008**

| Nature   | No Time<br>Lost | Time Lost | Fatal | Total Inj/III |
|--|-----------------|-----------|-------|---------------|
| ALL OTHER CUMULATIVE INJURIES,<br>NOC                          | 221             | 649       |       | 870           |
| ALL OTHER OCCUPATIONAL DISEASE                                 | 60              | 83        |       | 143           |
| ALL OTHER SPECIFIC INJURIES, NOC                               | 10,896          | 3,980     | 15    | 14,891        |
| AMPUTATION   | 40              | 70        |       | 110           |
| ANGINA PECTORIS (COND. ASSOC.<br>WITH HEART DISEASE)           | 1               | 8         |       | 9             |
| ASBESTOSIS   | 2               |           |       | 2             |
| ASPHYXIATION   |                 | 9         |       | 9             |
| BLACK LUNG   |                 | 1         |       | 1             |
| BURN   | 844             | 700       |       | 1,544         |
| BYSSINOSIS   | 3               |           |       | 3             |
| CANCER   |                 | 1         |       | 1             |
| CARPAL TUNNEL SYNDROME   | 347             | 191       |       | 538           |
| CONCUSSION   | 90              | 120       | 1     | 211           |
| CONTAGIOUS DISEASE   | 405             | 78        |       | 483           |
| CONTUSION  | 3,535           | 4,053     |       | 7,588         |
| CRUSHING   | 420             | 403       | 4     | 827           |
| DERMATITIS   | 378             | 237       |       | 615           |
| DISLOCATION  | 135             | 170       |       | 305           |
| DUST DISEASE NOC (ALL OTHER<br>PNEUMOCONIOSIS)                 | 8               | 10        |       | 18            |
| ELECTRIC SHOCK   | 51              | 39        | 1     | 91            |
| ENUCLEATION (TO REMOVE, EX:<br>TUMOR, EYE, ETC.)               | 1               | 2         |       | 3             |
| FOREIGN BODY   | 1,563           | 1,206     |       | 2,769         |
| FRACTURE   | 969             | 1,409     | 2     | 2,380         |
| FREEZING   | 13              | 9         |       | 22            |
| HEARING LOSS (TRAUMATIC ONLY)                                  | 13              | 17        |       | 30            |
| HEAT PROSTRATION   | 87              | 90        | 1     | 178           |
| HERNIA   | 191             | 196       |       | 387           |
| INFECTION  | 111             | 129       |       | 240           |
| INFLAMMATION   | 900             | 627       |       | 1,527         |
| LACERATION   | 5,525           | 4,083     | 1     | 9,609         |
| LOSS OF HEARING  | 26              | 17        |       | 43            |
| MENTAL DISORDER  | 6               | 1         |       | 7             |
| MENTAL STRESS  | 9               | 23        |       | 32            |
| MULTIPLE INJURIES INCLUDING BOTH<br>PHYSICAL AND PSYCHOLOGICAL | 5               | 44        | 1     | 50            |

Source: Kansas Division of Workers Compensation

**Table 2-18 continued**  
**Reported Nature of Occupational Injuries & Illnesses by**  
**Severity FY 2008**

| Nature  | No Time<br>Lost | Time Lost | Fatal | Total Inj/Ill |
|---|-----------------|-----------|-------|---------------|
| MULTIPLE PHYSICAL INJURIES ONLY   | 979             | 986       | 9     | 1,974         |
| MYOCARDIAL INFARCTION (HEART<br>ATTACK)                                       | 7               | 18        | 5     | 30            |
| NO EXPLANATION  |                 | 8         |       | 8             |
| NO PHYSICAL INJURY - I.E. GLASSES,<br>CONTACT LENSES, ARTIFICIAL<br>APPLIANCE | 314             | 231       |       | 545           |
| POISONING - GENERAL (NOT OD OR<br>CUMULATIVE INJURY)                          | 24              | 17        |       | 41            |
| POISONING-CHEMICAL  | 11              | 43        |       | 54            |
| POISONING-METAL   |                 | 2         |       | 2             |
| PUNCTURE  | 2,070           | 1,216     | 1     | 3,287         |
| RADIATION   | 3               |           |       | 3             |
| RESPIRATORY DISORDERS<br>(GASES,FUMES,CHEMICALS,ETC)                          | 235             | 124       | 1     | 360           |
| RUPTURE   | 29              | 41        | 1     | 71            |
| SEVERANCE   | 66              | 40        |       | 106           |
| SPRAIN  | 1,788           | 1,811     |       | 3,599         |
| STRAIN  | 6,253           | 8,142     |       | 14,395        |
| SYNCOPE - SWOONING, FAINTING,<br>PASSING OUT; NO OTHER INJURY                 | 127             | 87        |       | 214           |
| VASCULAR LOSS   | 3               | 7         |       | 10            |
| VDT-RELATED DISEASE   |                 | 1         |       | 1             |
| VISION LOSS   | 14              | 13        |       | 27            |

Source: Kansas Division of Workers Compensation

**Table 2-19**  
**Body Member Reported in Occupational Injuries &**  
**Illnesses by Severity FY 2008**

| Body Member  | No Time<br>Lost | Time Lost | Fatal | Total Inj/Ill |
|--|-----------------|-----------|-------|---------------|
| ABDOMEN INCLUDING GROIN -<br>EXCLUDING INJURY TO INTERNAL<br>ORGANS                            | 615             | 487       |       | 1,102         |
| ANKLE  | 1,208           | 1,213     |       | 2,421         |
| ARTIFICIAL APPLIANCE - BRACES, ETC.  | 26              | 4         |       | 30            |
| BODY SYSTEMS AND MULTIPLE BODY<br>SYSTEMS  | 569             | 262       | 14    | 845           |
| BRAIN  | 24              | 33        |       | 57            |
| BUTTOCKS - SOFT TISSUE   | 106             | 74        |       | 180           |
| CHEST (INC:RIBS, STERNUM)  | 492             | 441       | 1     | 934           |
| DISC   | 51              | 64        |       | 115           |
| EAR(S)   | 134             | 118       |       | 252           |
| ELBOW  | 772             | 655       |       | 1,427         |
| EYE(S)   | 2,006           | 1,619     |       | 3,625         |
| FACIAL BONES   | 74              | 50        |       | 124           |
| FINGER(S)  | 4,316           | 3,166     |       | 7,482         |
| FOOT   | 1,073           | 955       |       | 2,028         |
| GREAT TOE  | 128             | 94        |       | 222           |
| HAND   | 2,247           | 1,890     |       | 4,137         |
| HEART  | 12              | 29        | 4     | 45            |
| HIP  | 231             | 250       |       | 481           |
| INTERNAL ORGANS  | 56              | 61        | 2     | 119           |
| KNEE   | 2,462           | 2,380     |       | 4,842         |
| LARYNX   | 10              | 12        |       | 22            |
| LOW BACK AREA (LUMBAR,<br>LUMBOSACRAL)   | 2,861           | 3,081     |       | 5,942         |
| LOWER ARM  | 1,043           | 1,015     |       | 2,058         |
| LOWER LEG  | 562             | 611       |       | 1,173         |
| LUMBAR AND/OR SACRAL VERTEBRAE<br>(VERTEBRAE NOC TRUNK) - BONE<br>PORTION OF THE SPINAL COLUMN | 20              | 177       |       | 197           |
| LUNGS  | 129             | 121       |       | 250           |
| MOUTH  | 113             | 121       |       | 234           |
| MULTIPLE BODY PARTS (INCLUDING<br>BODY SYSTEMS AND BODY PARTS)                                 | 3,429           | 2,673     | 9     | 6,111         |
| MULTIPLE HEAD INJURY   | 568             | 573       | 3     | 1,144         |
| MULTIPLE LOWER EXTREMITIES   | 1,012           | 472       |       | 1,484         |
| MULTIPLE NECK INJURIES   | 156             | 168       |       | 324           |
| MULTIPLE TRUNK   | 1,037           | 486       |       | 1,523         |

Source: Kansas Division of Workers Compensation

**Table 2-19 continued**  
**Body Member Reported in Occupational Injuries &**  
**Illnesses by Severity FY 2008**

| Body Member   | No Time<br>Lost | Time Lost | Fatal | Total Inj/Ill |
|---|-----------------|-----------|-------|---------------|
| MULTIPLE UPPER EXTREMITIES  | 2,588           | 877       |       | 3,465         |
| NO EXPLANATION  |                 | 12        |       | 12            |
| NO PHYSICAL INJURY - MENTAL<br>DISORDER                                 | 275             | 195       |       | 470           |
| NOSE  | 131             | 87        |       | 218           |
| OTHER FACIAL SOFT TISSUE  | 572             | 508       |       | 1,080         |
| PELVIS  | 22              | 47        |       | 69            |
| SACRUM AND COCCYX   | 54              | 41        |       | 95            |
| SHOULDER(S)   | 1,911           | 1,849     |       | 3,760         |
| SKULL   | 447             | 272       | 2     | 721           |
| SOFT TISSUE   | 140             | 140       | 1     | 281           |
| SPINAL CORD   | 4               | 16        |       | 20            |
| TEETH   | 115             | 73        |       | 188           |
| THIGH   | 274             | 261       |       | 535           |
| THUMB   | 1,305           | 922       |       | 2,227         |
| TOE(S)  | 183             | 203       |       | 386           |
| TRACHEA   | 4               | 12        |       | 16            |
| UNCLASSIFIED - INSUFFICIENT<br>INFORMATION TO IDENTIFY PART<br>AFFECTED | 867             | 322       | 7     | 1,196         |
| UPPER ARM - HUMERUS AND<br>CORRESPONDING MUSCLE                         | 295             | 309       |       | 604           |
| UPPER BACK AREA (THORACIC AREA)   | 324             | 461       |       | 785           |
| VERTEBRAE   | 14              | 39        |       | 53            |
| WRIST   | 1,409           | 1,186     |       | 2,595         |
| WRIST(S) - AND HAND(S)  | 302             | 255       |       | 557           |

Source: Kansas Division of Workers Compensation

**Table 2-20**  
**SIC Code Reported in Occupational Injuries & Illnesses by**  
**Severity FY 2008**

| SIC  | No Time<br>Lost | Time Lost | Fatal | Total Inj/Ill |
|--|-----------------|-----------|-------|---------------|
| ABRASIVE PRODUCTS  |                 | 1         |       | 1             |
| ACCIDENT AND HEALTH INSURANCE  | 1               |           |       | 1             |
| ACCOUNTING, AUDITING, AND<br>BOOKKEEPING SERVICES  | 8               | 2         |       | 10            |
| ADJUSTMENT AND COLLECTION<br>SERVICES  | 44              | 2         |       | 46            |
| ADMINISTRATION OF EDUCATIONAL<br>PROGRAMS  | 229             | 19        |       | 248           |
| ADMINISTRATION OF HOUSING<br>PROGRAMS  | 12              | 5         |       | 17            |
| ADMINISTRATION OF PUBLIC HEALTH<br>PROGRAMS  | 7               | 5         |       | 12            |
| ADMINISTRATION OF SOCIAL, HUMAN<br>RESOURCE AND INCOME<br>MAINTENANCE PROGRAMS                       | 22              | 2         |       | 24            |
| ADMINISTRATION OF URBAN PLANNING<br>AND COMMUNITY AND RURAL<br>DEVELOPMENT                           |                 | 1         |       | 1             |
| ADVERTISING AGENCIES   | 7               | 1         |       | 8             |
| ADVERTISING, NEC   | 2               |           |       | 2             |
| AIR AND GAS COMPRESSORS  | 2               | 2         |       | 4             |
| AIR AND WATER RESOURCE AND SOLID<br>WASTE MANAGEMENT   | 1               | 3         |       | 4             |
| AIR COURIER SERVICES   | 45              | 4         |       | 49            |
| AIR TRANSPORTATION,<br>NONSCHEDULED  | 1               | 9         |       | 10            |
| AIR TRANSPORTATION, SCHEDULED  | 6               | 5         |       | 11            |
| AIR-CONDITIONING AND WARM AIR<br>HEATING EQUIPMENT AND<br>COMMERCIAL AND INDUSTRIAL<br>REFRIGERATION | 11              | 6         |       | 17            |
| AIRCRAFT   |                 | 369       |       | 369           |
| AIRCRAFT ENGINES AND ENGINE<br>PARTS   | 22              | 1         |       | 23            |
| AIRCRAFT PARTS AND AUXILIARY<br>EQUIPMENT, NEC   | 66              | 28        |       | 94            |
| AIRPORTS, FLYING FIELDS, AND<br>AIRPORT TERMINAL SERVICES  | 1               | 1         |       | 2             |
| ALUMINUM EXTRUDED PRODUCTS   | 1               |           |       | 1             |
| ALUMINUM FOUNDRIES   |                 | 1         |       | 1             |
| AMUSEMENT AND RECREATION<br>SERVICES, NEC  | 14              | 28        |       | 42            |
| AMUSEMENT PARKS  | 5               |           |       | 5             |

Source: Kansas Division of Workers Compensation



**Table 2-20 continued**  
**SIC Code Reported in Occupational Injuries & Illnesses by**  
**Severity FY 2008**

| SIC   | No Time<br>Lost | Time Lost | Fatal | Total Inj/III |
|---|-----------------|-----------|-------|---------------|
| ANIMAL AND MARINE FATS AND OILS                       | 2               |           |       | 2             |
| ANIMAL SPECIALTY SERVICES, EXCEPT<br>VETERINARY       | 6               | 2         |       | 8             |
| ARBORETA AND BOTANICAL OR<br>ZOOLOGICAL GARDENS       | 2               | 1         |       | 3             |
| ARCHITECTURAL AND ORNAMENTAL<br>METAL WORK            | 8               | 5         |       | 13            |
| ARCHITECTURAL SERVICES                                | 3               | 2         |       | 5             |
| ARMATURE REWINDING SHOPS                              | 2               | 4         |       | 6             |
| ARRANGEMENT OF TRANSPORTATION<br>OF FREIGHT AND CARGO | 29              | 3         |       | 32            |
| ASBESTOS PRODUCTS                                     | 1               |           |       | 1             |
| ASPHALT FELTS AND COATINGS                            | 19              | 1         |       | 20            |
| ASPHALT PAVING MIXTURES AND<br>BLOCKS                 |                 | 6         |       | 6             |
| AUTO AND HOME SUPPLY STORES                           | 72              | 60        |       | 132           |
| AUTOMATIC MERCHANDISING MACHINE<br>OPERATOR           | 17              | 1         |       | 18            |
| AUTOMOBILES AND OTHER MOTOR<br>VEHICLES               | 3               | 41        |       | 44            |
| AUTOMOTIVE DEALERS, NEC                               | 1               |           |       | 1             |
| AUTOMOTIVE EXHAUST SYSTEM<br>REPAIR SHOPS             |                 | 3         |       | 3             |
| AUTOMOTIVE GLASS REPLACEMENT<br>SHOPS                 | 5               | 19        |       | 24            |
| AUTOMOTIVE REPAIR SHOPS, NEC                          | 12              | 11        |       | 23            |
| AUTOMOTIVE SERVICES, EXCEPT<br>REPAIR AND CARWASHES   | 20              | 8         |       | 28            |
| AUTOMOTIVE TRANSMISSION REPAIR<br>SHOPS               | 2               | 2         |       | 4             |
| BEAUTY SHOPS  | 36              | 14        |       | 50            |
| BEEF CATTLE FEEDLOTS                                  | 96              | 69        | 1     | 166           |
| BEEF CATTLE, EXCEPT FEEDLOTS                          | 5               | 1         |       | 6             |
| BEER AND ALE  | 16              | 23        |       | 39            |
| BIOLOGICAL PRODUCTS, EXCEPT<br>DIAGNOSTIC SUBSTANCES  | 2               |           |       | 2             |
| BLANKBOOKS, LOOSE-LEAF BINDERS<br>AND DEVICES         | 21              | 3         |       | 24            |
| BOAT BUILDING AND REPAIRING                           | 1               |           |       | 1             |
| BOAT DEALERS  |                 | 1         |       | 1             |
| BOOK STORES   | 18              | 3         |       | 21            |

Source: Kansas Division of Workers Compensation

**Table 2-20 continued**  
**SIC Code Reported in Occupational Injuries & Illnesses by**  
**Severity FY 2008**

| SIC   | No Time<br>Lost | Time Lost | Fatal | Total Inj/Ill |
|---|-----------------|-----------|-------|---------------|
| BOOKBINDING AND RELATED WORK                                    | 1               |           |       | 1             |
| BOOKS, PERIODICALS, AND<br>NEWSPAPERS                           | 22              | 15        |       | 37            |
| BOOKS: PUBLISHING, OR PUBLISHING<br>AND PRINTING                | 1               | 2         |       | 3             |
| BOTTLED AND CANNED SOFT DRINKS<br>AND CARBONATED WATERS         | 28              | 68        |       | 96            |
| BOWLING CENTERS   | 4               | 5         |       | 9             |
| BREAD AND OTHER BAKERY PRODUCTS,<br>EXCEPT COOKIES AND CRACKERS | 108             | 9         |       | 117           |
| BRICK AND STRUCTURAL CLAY TILE                                  | 15              |           |       | 15            |
| BRICK, STONE AND RELATED<br>CONSTRUCTION MATERIALS              | 3               | 3         |       | 6             |
| BRIDGE, TUNNEL, AND ELEVATED<br>HIGHWAY CONSTRUCTION            | 35              | 19        |       | 54            |
| BROILER, FRYERS, AND ROASTER<br>CHICKENS                        | 1               |           |       | 1             |
| BROOMS AND BRUSHES  | 5               |           |       | 5             |
| BUILDING CLEANING AND MAINTENANCE<br>SERVICES, NEC              | 80              | 40        |       | 120           |
| BUSINESS AND SECRETARIAL SCHOOLS                                |                 | 1         |       | 1             |
| BUSINESS ASSOCIATIONS   | 8               | 7         |       | 15            |
| BUSINESS CONSULTING SERVICES, NEC                               | 5               | 2         |       | 7             |
| BUSINESS SERVICES, NEC  | 704             | 456       | 4     | 1,164         |
| CABLE AND OTHER PAY TELEVISION<br>SERVICES                      | 35              | 7         |       | 42            |
| CANDY AND OTHER CONFECTIONERY<br>PRODUCTS                       | 103             | 2         |       | 105           |
| CARBURETORS, PISTONS, PISTON<br>RINGS, AND VALVES               | 2               | 1         |       | 3             |
| CARPENTRY WORK  | 21              | 81        |       | 102           |
| CARPET AND UPHOLSTERY CLEANING                                  | 4               | 2         |       | 6             |
| CARWASHES   | 25              | 8         |       | 33            |
| CASH GRAINS, NEC  | 2               | 6         |       | 8             |
| CATALOG AND MAIL-ORDER HOUSES                                   | 19              | 2         |       | 21            |
| CEMENT, HYDRAULIC   | 19              | 11        |       | 30            |
| CEMETERY SUBDIVIDERS AND<br>DEVELOPERS                          | 2               | 1         |       | 3             |
| CHEMICALS AND ALLIED PRODUCTS,<br>NEC                           | 21              | 1         |       | 22            |

Source: Kansas Division of Workers Compensation

**Table 2-20 continued**  
**SIC Code Reported in Occupational Injuries & Illnesses by**  
**Severity FY 2008**

| SIC   | No Time<br>Lost | Time Lost | Fatal | Total Inj/Ill |
|---|-----------------|-----------|-------|---------------|
| CHEMICALS AND CHEMICAL<br>PREPARATIONS, NEC                       | 7               | 7         |       | 14            |
| CHILD DAY CARE SERVICES   | 31              | 28        |       | 59            |
| CHILDREN'S AND INFANTS' WEAR<br>STORES                            |                 | 1         |       | 1             |
| CIGARETTES  | 8               | 1         |       | 9             |
| CIVIC, SOCIAL, AND FRATERNAL<br>ASSOCIATIONS                      | 25              | 27        |       | 52            |
| CLAY REFRACTORIES   | 6               |           |       | 6             |
| COATING, ENGRAVING, AND ALLIED<br>SERVICES, NEC                   |                 | 4         |       | 4             |
| COIN-OPERATED LAUNDRIES AND<br>DRYCLEANING                        | 5               | 2         |       | 7             |
| COLLEGES, UNIVERSITIES, AND<br>PROFESSIONAL SCHOOLS               | 19              | 35        |       | 54            |
| COMBINATION UTILITIES, NEC  | 29              | 22        |       | 51            |
| COMMERCIAL ART AND GRAPHIC<br>DESIGN                              |                 | 3         |       | 3             |
| COMMERCIAL BANKS, NEC   | 2               |           |       | 2             |
| COMMERCIAL ECONOMIC,<br>SOCIOLOGICAL, AND EDUCATIONAL<br>RESEARCH | 3               | 2         |       | 5             |
| COMMERCIAL EQUIPMENT, NEC   | 19              | 3         |       | 22            |
| COMMERCIAL PHOTOGRAPHY  | 1               |           |       | 1             |
| COMMERCIAL PHYSICAL AND<br>BIOLOGICAL RESEARCH                    | 16              | 4         |       | 20            |
| COMMERCIAL PRINTING, GRAVURE                                      | 4               | 1         |       | 5             |
| COMMERCIAL PRINTING,<br>LITHOGRAPHIC                              | 33              | 15        |       | 48            |
| COMMERCIAL PRINTING, NEC  | 10              | 15        |       | 25            |
| COMMUNICATIONS EQUIPMENT, NEC                                     | 2               |           |       | 2             |
| COMMUNICATIONS SERVICES, NEC                                      | 2               | 1         |       | 3             |
| COMPUTER AND COMPUTER<br>SOFTWARE STORES                          | 3               |           |       | 3             |
| COMPUTER INTEGRATED SYSTEMS<br>DESIGN                             | 1               |           |       | 1             |
| COMPUTER MAINTENANCE AND REPAIR                                   | 8               |           |       | 8             |
| COMPUTER PERIPHERAL EQUIPMENT,<br>NEC                             | 22              |           |       | 22            |

Source: Kansas Division of Workers Compensation

**Table 2-20 continued**  
**SIC Code Reported in Occupational Injuries & Illnesses by**  
**Severity FY 2008**

| SIC  | No Time<br>Lost | Time Lost | Fatal | Total Inj/Ill |
|--|-----------------|-----------|-------|---------------|
| COMPUTER PROCESSING AND DATA<br>PREPARATION AND PROCESSING<br>SERVICES   | 13              | 2         |       | 15            |
| COMPUTER PROGRAMMING SERVICES  | 3               | 9         |       | 12            |
| COMPUTER RELATED SERVICES, NEC   | 6               | 2         |       | 8             |
| COMPUTER STORAGE DEVICES   | 1               | 1         |       | 2             |
| COMPUTERS AND COMPUTER<br>PERIPHERAL EQUIPMENT AND<br>SOFTWARE           | 2               | 7         |       | 9             |
| CONCRETE PRODUCTS, EXCEPT BLOCK<br>AND BRICK                             | 19              | 27        |       | 46            |
| CONCRETE WORK  | 83              | 108       |       | 191           |
| CONFECTIONERY  | 2               | 8         |       | 10            |
| CONSTRUCTION AND MINING (EXCEPT<br>PETROLEUM) MACHINERY AND<br>EQUIPMENT | 18              | 10        |       | 28            |
| CONSTRUCTION MACHINERY AND<br>EQUIPMENT                                  | 25              | 3         |       | 28            |
| CONSTRUCTION MATERIALS, NEC  | 19              | 9         |       | 28            |
| CONSTRUCTION SAND AND GRAVEL   | 4               | 5         |       | 9             |
| CONVEYORS AND CONVEYING<br>EQUIPMENT                                     | 27              | 2         |       | 29            |
| CORN   |                 | 3         |       | 3             |
| CORRECTIONAL INSTITUTIONS  |                 | 2         |       | 2             |
| CORRUGATED AND SOLID FIBER BOXES   | 4               | 5         |       | 9             |
| COURIER SERVICES EXCEPT BY AIR   | 16              | 17        |       | 33            |
| CREAMERY BUTTER  | 1               |           |       | 1             |
| CREDIT REPORTING SERVICES  | 44              | 9         |       | 53            |
| CREDIT UNIONS, FEDERALLY<br>CHARTERED                                    | 4               |           |       | 4             |
| CREDIT UNIONS, NOT FEDERALLY<br>CHARTERED                                | 2               |           |       | 2             |
| CROP HARVESTING, PRIMARILY BY<br>MACHINE                                 | 5               | 3         |       | 8             |
| CROP PLANTING, CULTIVATING, AND<br>PROTECTING                            | 3               | 9         |       | 12            |
| CROP PREPARATION SERVICES FOR<br>MARKET, EXCEPT COTTON GINNING           | 3               | 2         |       | 5             |
| CRUDE PETROLEUM AND NATURAL GAS  | 44              | 14        |       | 58            |
| CRUDE PETROLEUM PIPELINES  | 1               | 1         |       | 2             |
| CRUSHED AND BROKEN LIMESTONE   | 12              | 1         |       | 13            |

Source: Kansas Division of Workers Compensation

**Table 2-20 continued**  
**SIC Code Reported in Occupational Injuries & Illnesses by**  
**Severity FY 2008**

| SIC  | No Time<br>Lost | Time Lost | Fatal | Total Inj/Ill |
|--|-----------------|-----------|-------|---------------|
| CRUSHED AND BROKEN STONE, NEC  | 1               | 3         |       | 4             |
| CURRENT-CARRYING WIRING DEVICES  | 3               | 17        |       | 20            |
| CUT STONE AND STONE PRODUCTS   | 5               | 5         |       | 10            |
| CUTTING TOOLS, MACHINE TOOL<br>ACCESSORIES, AND MACHINISTS'<br>PRECISION MEASURING DEVICES | 214             | 1         |       | 215           |
| DAIRY FARMS  | 4               | 13        |       | 17            |
| DAIRY PRODUCTS, EXCEPT DRIED OR<br>CANNED  | 15              | 3         |       | 18            |
| DATA PROCESSING SCHOOLS  |                 | 1         |       | 1             |
| DENTAL EQUIPMENT AND SUPPLIES  | 17              | 1         |       | 18            |
| DENTAL LABORATORIES  | 7               | 3         |       | 10            |
| DEPARTMENT STORES  | 456             | 133       |       | 589           |
| DETECTIVE, GUARD, AND ARMORED CAR<br>SERVICES  | 11              | 16        |       | 27            |
| DIMENSION STONE  | 1               | 2         |       | 3             |
| DIRECT MAIL ADVERTISING SERVICES   | 59              | 8         |       | 67            |
| DIRECT SELLING ESTABLISHMENTS  | 1               | 2         |       | 3             |
| DISINFECTING AND PEST CONTROL<br>SERVICES  | 13              | 17        | 1     | 31            |
| DISTILLED AND BLENDED LIQUORS  | 2               | 1         |       | 3             |
| DOG AND CAT FOOD   | 14              | 65        |       | 79            |
| DRAPERY, CURTAIN, AND UPHOLSTERY<br>STORES   |                 | 4         |       | 4             |
| DRAWING AND INSULATING OF<br>NONFERROUS WIRE   |                 | 1         |       | 1             |
| DRILLING OIL AND GAS WELLS   | 52              | 29        | 1     | 82            |
| DRINKING PLACES (ALCOHOLIC<br>BEVERAGES)   | 15              | 4         |       | 19            |
| DRIVE-IN MOTION PICTURE THEATERS   | 1               |           |       | 1             |
| DRUG STORES AND PROPRIETARY<br>STORES  | 21              | 54        |       | 75            |
| DRUGS, DRUG PROPRIETARIES, AND<br>DRUGGISTS' SUNDRIES                                      | 11              | 2         |       | 13            |
| DRY, CONDENSED, AND EVAPORATED<br>DAIRY PRODUCTS   | 1               |           |       | 1             |
| DRYCLEANING PLANTS, EXCEPT RUG<br>CLEANING   | 6               | 5         |       | 11            |
| DURABLE GOODS, NEC   | 4               | 36        |       | 40            |
| EATING AND DRINKING PLACES   | 1,355           | 682       |       | 2,037         |

Source: Kansas Division of Workers Compensation

**Table 2-20 continued**  
**SIC Code Reported in Occupational Injuries & Illnesses by**  
**Severity FY 2008**

| SIC  | No Time<br>Lost | Time Lost | Fatal | Total Inj/Ill |
|--|-----------------|-----------|-------|---------------|
| ELECTRIC AND GAS WELDING AND<br>SOLDERING EQUIPMENT                                  |                 | 1         |       | 1             |
| ELECTRIC AND OTHER SERVICES<br>COMBINED  | 26              | 47        |       | 73            |
| ELECTRIC SERVICES  | 296             | 127       |       | 423           |
| ELECTRICAL AND ELECTRONIC REPAIR<br>SHOPS, NEC                                       |                 | 4         |       | 4             |
| ELECTRICAL APPARATUS AND<br>EQUIPMENT WIRING SUPPLIES, AND<br>CONSTRUCTION MATERIALS | 13              | 5         |       | 18            |
| ELECTRICAL APPLIANCES, TELEVISION<br>AND RADIO SETS                                  | 4               | 2         |       | 6             |
| ELECTRICAL EQUIPMENT FOR INTERNAL<br>COMBUSTION ENGINES                              | 15              |           |       | 15            |
| ELECTRICAL INDUSTRIAL APPARATUS,<br>NEC  | 1               | 8         |       | 9             |
| ELECTRICAL MACHINERY, EQUIPMENT,<br>AND SUPPLIES, NEC                                | 1               |           |       | 1             |
| ELECTRICAL WORK  | 155             | 141       |       | 296           |
| ELECTRONIC PARTS AND EQUIPMENT,<br>NEC   | 1               | 5         |       | 6             |
| ELECTROPLATING, PLATING,<br>POLISHING, ANODIZING, AND COLORING                       | 3               | 21        |       | 24            |
| ELEMENTARY AND SECONDARY<br>SCHOOLS  | 500             | 316       |       | 816           |
| ELEVATORS AND MOVING STAIRWAYS   | 2               |           |       | 2             |
| EMPLOYMENT AGENCIES  | 54              | 204       | 1     | 259           |
| ENGINEERING SERVICES   | 36              | 20        |       | 56            |
| ENVELOPES  | 1               | 1         |       | 2             |
| EQUIPMENT RENTAL AND LEASING, NEC  | 53              | 49        |       | 102           |
| EXCAVATION WORK  | 35              | 40        |       | 75            |
| EXECUTIVE AND LEGISLATIVE OFFICES,<br>COMBINED                                       | 1,359           | 1,340     |       | 2,699         |
| FABRICATED METAL PRODUCTS, NEC   | 47              | 4         |       | 51            |
| FABRICATED PIPE AND PIPE FITTINGS  | 3               |           |       | 3             |
| FABRICATED PLATE WORK (BOILER<br>SHOPS)  | 23              | 7         |       | 30            |
| FABRICATED STRUCTURAL METAL  | 18              | 14        |       | 32            |
| FABRICATED TEXTILE PRODUCTS, NEC   | 1               |           |       | 1             |

Source: Kansas Division of Workers Compensation

**Table 2-20 continued**  
**SIC Code Reported in Occupational Injuries & Illnesses by**  
**Severity FY 2008**

| SIC  | No Time<br>Lost | Time Lost | Fatal | Total Inj/Ill |
|--|-----------------|-----------|-------|---------------|
| FACILITIES SUPPORT MANAGEMENT SERVICES         | 26              | 9         |       | 35            |
| FAMILY CLOTHING STORES                         | 170             | 8         |       | 178           |
| FARM AND GARDEN MACHINERY AND EQUIPMENT        | 98              | 25        | 1     | 124           |
| FARM LABOR CONTRACTORS AND CREW LEADERS        | 2               | 3         |       | 5             |
| FARM MACHINERY AND EQUIPMENT                   | 211             | 30        |       | 241           |
| FARM PRODUCT WAREHOUSING AND STORAGE           |                 | 2         |       | 2             |
| FARM SUPPLIES                                  | 27              | 45        | 1     | 73            |
| FARM-PRODUCT RAW MATERIALS, NEC                | 1               | 3         |       | 4             |
| FEDERAL RESERVE BANKS                          | 4               |           |       | 4             |
| FERTILIZERS, MIXING ONLY                       | 16              | 2         |       | 18            |
| FIRE PROTECTION                                | 8               | 29        |       | 37            |
| FIRE, MARINE, AND CASUALTY INSURANCE           | 16              | 11        |       | 27            |
| FLAT GLASS                                     | 42              | 10        |       | 52            |
| FLOOR COVERING STORES                          | 19              | 20        |       | 39            |
| FLOOR LAYING AND OTHER FLOOR WORK, NEC         | 6               | 12        |       | 18            |
| FLORISTS                                       | 3               | 5         |       | 8             |
| FLOUR AND OTHER GRAIN MILL PRODUCTS            | 18              | 2         |       | 20            |
| FLOWERS, NURSERY STOCK, AND FLORISTS' SUPPLIES | 1               | 1         |       | 2             |
| FLUID MILK                                     |                 | 7         |       | 7             |
| FLUID POWER PUMPS AND MOTORS                   |                 | 9         |       | 9             |
| FOOD PREPARATIONS, NEC                         | 10              | 6         |       | 16            |
| FOOD PRODUCTS MACHINERY                        | 1               |           |       | 1             |
| FRESH FRUITS AND VEGETABLES                    |                 | 2         |       | 2             |
| FROZEN SPECIALTIES, NEC                        | 79              | 20        |       | 99            |
| FUNCTIONS RELATED TO DEPOSIT BANKING, NEC      | 1               | 4         |       | 5             |
| FUNERAL SERVICES AND CREMATORIES               | 15              | 3         |       | 18            |
| FURNITURE                                      | 8               | 1         |       | 9             |
| FURNITURE AND FIXTURES, NEC                    | 2               | 1         |       | 3             |
| FURNITURE STORES                               | 50              | 42        |       | 92            |
| GAS AND OTHER SERVICES COMBINED                | 2               |           |       | 2             |

Source: Kansas Division of Workers Compensation

**Table 2-20 continued**  
**SIC Code Reported in Occupational Injuries & Illnesses by**  
**Severity FY 2008**

| SIC   | No Time<br>Lost | Time Lost | Fatal | Total Inj/Ill |
|---|-----------------|-----------|-------|---------------|
| GASKETS, PACKING, AND SEALING<br>DEVICES  | 3               |           |       | 3             |
| GASOLINE SERVICE STATIONS   | 28              | 76        |       | 104           |
| GENERAL AUTOMOTIVE REPAIR SHOPS   | 31              | 43        |       | 74            |
| GENERAL CONTRACTORS-INDUSTRIAL<br>BUILDINGS AND WAREHOUSES  | 60              | 24        |       | 84            |
| GENERAL CONTRACTORS-<br>NONRESIDENTIAL BUILDINGS, OTHER<br>THAN INDUSTRIAL BUILDINGS AND<br>WAREHOUSE | 163             | 89        |       | 252           |
| GENERAL CONTRACTORS-RESIDENTIAL<br>BUILDINGS, OTHER THAN SINGLE-<br>FAMILY                            | 45              | 13        |       | 58            |
| GENERAL CONTRACTORS-SINGLE-<br>FAMILY HOUSES  | 196             | 291       |       | 487           |
| GENERAL FARMS, PRIMARILY CROP   | 4               | 9         |       | 13            |
| GENERAL FARMS, PRIMARILY<br>LIVESTOCK AND ANIMAL SPECIALTIES  | 17              | 4         |       | 21            |
| GENERAL GOVERNMENT, NEC   |                 | 7         |       | 7             |
| GENERAL INDUSTRIAL MACHINERY AND<br>EQUIPMENT, NEC  | 2               | 1         |       | 3             |
| GENERAL MEDICAL AND SURGICAL<br>HOSPITALS   | 1,586           | 513       |       | 2,099         |
| GENERAL WAREHOUSING AND<br>STORAGE  | 3               | 15        | 1     | 19            |
| GIFT, NOVELTY, AND SOUVENIR SHOPS   | 12              | 3         |       | 15            |
| GIRLS', CHILDREN'S, AND INFANTS'<br>DRESSES, BLOUSES, AND SHIRTS                                      | 1               |           |       | 1             |
| GLASS AND GLAZING WORK  | 20              | 93        |       | 113           |
| GLASS PRODUCTS, MADE OF<br>PURCHASED GLASS  | 1               | 3         |       | 4             |
| GRAIN AND FIELD BEANS   | 57              | 112       |       | 169           |
| GRAY AND DUCTILE IRON FOUNDRIES   | 13              |           |       | 13            |
| GREETING CARDS  |                 | 1         |       | 1             |
| GROCERIES AND RELATED PRODUCTS,<br>NEC  | 55              | 70        |       | 125           |
| GROCERIES, GENERAL LINE   | 83              | 10        |       | 93            |
| GROCERY STORES  | 460             | 650       |       | 1,110         |
| GYPSUM PRODUCTS   | 1               | 1         |       | 2             |
| HARDWARE  | 18              | 3         |       | 21            |
| HARDWARE STORES   | 56              | 17        |       | 73            |
| HARDWARE, NEC   | 1               | 2         |       | 3             |

Source: Kansas Division of Workers Compensation



**Table 2-20 continued**  
**SIC Code Reported in Occupational Injuries & Illnesses by**  
**Severity FY 2008**

| SIC   | No Time<br>Lost | Time Lost | Fatal | Total Inj/Ill |
|---|-----------------|-----------|-------|---------------|
| HEALTH AND ALLIED SERVICES, NEC   | 22              | 23        |       | 45            |
| HEATING EQUIPMENT, EXCEPT<br>ELECTRIC AND WARM AIR FURNACES   | 5               | 2         |       | 7             |
| HEAVY CONSTRUCTION EQUIPMENT<br>RENTAL AND LEASING  | 4               | 3         |       | 7             |
| HEAVY CONSTRUCTION, NEC   | 72              | 30        |       | 102           |
| HELP SUPPLY SERVICES  | 421             | 365       |       | 786           |
| HIGHWAY AND STREET<br>CONSTRUCTION, EXCEPT ELEVATED<br>HIGHWAYS                                     | 58              | 62        |       | 120           |
| HOBBY, TOY, AND GAME SHOPS  | 34              | 1         |       | 35            |
| HOGS  | 5               | 16        |       | 21            |
| HOME FURNISHINGS  | 2               |           |       | 2             |
| HOME HEALTH CARE SERVICES   | 70              | 52        | 1     | 123           |
| HOSPITAL AND MEDICAL SERVICE<br>PLANS   | 31              | 2         |       | 33            |
| HOTELS AND MOTELS   | 203             | 81        |       | 284           |
| HOUSEHOLD APPLIANCE STORES  | 11              | 18        |       | 29            |
| HOUSEHOLD FURNITURE, NEC  |                 | 1         |       | 1             |
| HOUSEHOLD REFRIGERATORS AND<br>HOME AND FARM FREEZERS   | 1               |           |       | 1             |
| HUNTING AND TRAPPING, AND GAME<br>PROPAGATION   |                 | 3         |       | 3             |
| ICE CREAM AND FROZEN DESSERTS   |                 | 13        |       | 13            |
| IN VITRO AND IN VIVO DIAGNOSTIC<br>SUBSTANCES   | 16              |           |       | 16            |
| INDIVIDUAL AND FAMILY SOCIAL<br>SERVICES  | 159             | 242       |       | 401           |
| INDUSTRIAL AND COMMERCIAL FANS<br>AND BLOWERS AND AIR PURIFICATION<br>EQUIPMENT                     | 6               |           |       | 6             |
| INDUSTRIAL AND COMMERCIAL<br>MACHINERY AND EQUIPMENT, NEC   | 64              | 37        |       | 101           |
| INDUSTRIAL AND PERSONAL SERVICE<br>PAPER  | 6               | 1         |       | 7             |
| INDUSTRIAL INORGANIC CHEMICALS,<br>NEC  |                 | 7         |       | 7             |
| INDUSTRIAL INSTRUMENTS FOR<br>MEASUREMENT, DISPLAY, AND<br>CONTROL OF PROCESS VARIABLES;<br>AND REL | 8               | 38        |       | 46            |

Source: Kansas Division of Workers Compensation

**Table 2-20 continued**  
**SIC Code Reported in Occupational Injuries & Illnesses by**  
**Severity FY 2008**

| SIC   | No Time<br>Lost | Time Lost | Fatal | Total Inj/III |
|---|-----------------|-----------|-------|---------------|
| INDUSTRIAL LAUNDERERS   | 7               | 3         |       | 10            |
| INDUSTRIAL MACHINERY AND<br>EQUIPMENT   | 51              | 31        |       | 82            |
| INDUSTRIAL ORGANIC CHEMICALS, NEC   | 10              |           |       | 10            |
| INDUSTRIAL PATTERNS   | 5               | 1         |       | 6             |
| INDUSTRIAL PROCESS FURNACES AND<br>OVENS  | 19              | 13        |       | 32            |
| INDUSTRIAL SAND   |                 | 2         |       | 2             |
| INDUSTRIAL SUPPLIES   | 10              | 10        |       | 20            |
| INDUSTRIAL VALVES   | 22              |           |       | 22            |
| INFORMATION RETRIEVAL SERVICES  | 1               |           |       | 1             |
| INSTALLATION OR ERECTION OF<br>BUILDING EQUIPMENT, NEC                            | 11              | 6         |       | 17            |
| INSTRUMENTS FOR MEASURING AND<br>TESTING OF ELECTRICITY AND<br>ELECTRICAL SIGNALS | 10              |           |       | 10            |
| INSURANCE AGENTS, BROKERS, AND<br>SERVICE   | 22              | 6         |       | 28            |
| INSURANCE CARRIERS, NEC   | 2               |           |       | 2             |
| INTERCITY AND RURAL BUS<br>TRANSPORTATION   |                 | 7         |       | 7             |
| INTERMEDIATE CARE FACILITIES  | 104             | 30        |       | 134           |
| INTERNAL COMBUSTION ENGINES, NEC  | 7               | 2         |       | 9             |
| INTERNATIONAL AFFAIRS   | 2               |           |       | 2             |
| INVESTMENT ADVICE   | 1               |           |       | 1             |
| IRON AND STEEL FORGINGS   | 23              | 3         |       | 26            |
| IRRIGATION SYSTEMS  |                 | 5         |       | 5             |
| JEWELRY STORES  | 1               | 2         |       | 3             |
| JEWELRY, PRECIOUS METAL   |                 | 1         |       | 1             |
| JEWELRY, WATCHES, PRECIOUS<br>STONES, AND PRECIOUS METALS                         | 5               | 1         |       | 6             |
| JOB TRAINING AND VOCATIONAL<br>REHABILITATION SERVICES                            | 103             | 132       |       | 235           |
| JUNIOR COLLEGES AND TECHNICAL<br>INSTITUTES                                       | 91              | 91        |       | 182           |
| KIDNEY DIALYSIS CENTERS   | 36              | 4         |       | 40            |
| LABOR UNIONS AND SIMILAR LABOR<br>ORGANIZATIONS                                   |                 | 1         |       | 1             |
| LABORATORY ANALYTICAL<br>INSTRUMENTS  | 1               |           |       | 1             |

Source: Kansas Division of Workers Compensation

**Table 2-20 continued**  
**SIC Code Reported in Occupational Injuries & Illnesses by**  
**Severity FY 2008**

| SIC   | No Time<br>Lost | Time Lost | Fatal | Total Inj/III |
|---|-----------------|-----------|-------|---------------|
| LAMINATED PLASTICS PLATE, SHEET,<br>AND PROFILE SHAPES                          |                 | 1         |       | 1             |
| LAND SUBDIVIDERS AND DEVELOPERS,<br>EXCEPT CEMETERIES                           | 7               | 4         |       | 11            |
| LAND, MINERAL, WILDLIFE, AND FOREST<br>CONSERVATION                             | 3               | 1         |       | 4             |
| LANDSCAPE COUNSELING AND<br>PLANNING  | 90              | 37        |       | 127           |
| LAWN AND GARDEN SERVICES  | 27              | 89        |       | 116           |
| LAWN AND GARDEN TRACTORS AND<br>HOME LAWN AND GARDEN EQUIPMENT                  |                 | 39        |       | 39            |
| LEATHER GOODS, NEC  | 8               |           |       | 8             |
| LEGAL SERVICES  | 25              | 10        |       | 35            |
| LEGISLATIVE BODIES  |                 | 1         |       | 1             |
| LESSORS OF REAL PROPERTY, NEC   | 1               | 2         |       | 3             |
| LIBRARIES   | 7               | 2         |       | 9             |
| LIFE INSURANCE  | 30              | 1         | 1     | 32            |
| LINEN SUPPLY  | 4               | 1         |       | 5             |
| LINOLEUM, ASPHALTED-FELT-BASE,<br>AND OTHER HARD SURFACE FLOOR<br>COVERING, NEC |                 | 1         |       | 1             |
| LIQUEFIED PETROLEUM GAS (BOTTLED<br>GAS) DEALERS                                | 9               |           |       | 9             |
| LIQUOR STORES   | 7               |           |       | 7             |
| LIVESTOCK   | 9               | 12        |       | 21            |
| LIVESTOCK SERVICES, EXCEPT<br>VETERINARY  |                 | 1         |       | 1             |
| LOAN BROKERS  | 3               |           |       | 3             |
| LOCAL AND SUBURBAN TRANSIT  |                 | 1         |       | 1             |
| LOCAL PASSENGER TRANSPORTATION,<br>NEC  | 5               | 16        |       | 21            |
| LOCAL TRUCKING WITH STORAGE   | 3               | 6         |       | 9             |
| LOCAL TRUCKING WITHOUT STORAGE  | 130             | 82        |       | 212           |
| LOGGING   | 2               |           |       | 2             |
| LUBRICATING OILS AND GREASES  | 3               |           |       | 3             |
| LUMBER AND OTHER BUILDING<br>MATERIALS DEALERS                                  | 166             | 157       |       | 323           |
| LUMBER, PLYWOOD, MILLWORK, AND<br>WOOD PANELS                                   | 10              | 19        |       | 29            |

Source: Kansas Division of Workers Compensation

**Table 2-20 continued**  
**SIC Code Reported in Occupational Injuries & Illnesses by**  
**Severity FY 2008**

| SIC  | No Time<br>Lost | Time Lost | Fatal | Total Inj/Ill |
|--|-----------------|-----------|-------|---------------|
| MACHINE TOOLS, METAL CUTTING<br>TYPE                               | 4               | 1         |       | 5             |
| MACHINE TOOLS, METAL FORMING<br>TYPE                               | 14              | 1         |       | 15            |
| MALT   | 1               |           |       | 1             |
| MANAGEMENT CONSULTING SERVICES                                     | 16              | 18        |       | 34            |
| MANAGEMENT SERVICES  | 34              | 13        |       | 47            |
| MANIFOLD BUSINESS FORMS  | 10              | 11        |       | 21            |
| MANUFACTURED ICE   | 4               | 6         |       | 10            |
| MANUFACTURING INDUSTRIES, NEC                                      | 67              | 27        |       | 94            |
| MARINAS  | 2               | 1         |       | 3             |
| MARINE CARGO HANDLING  | 8               |           |       | 8             |
| MASONRY, STONE SETTING, AND<br>OTHER STONE WORK                    | 16              | 56        |       | 72            |
| MATTRESSES, FOUNDATIONS, AND<br>CONVERTIBLE BEDS                   | 16              | 4         |       | 20            |
| MEASURING AND CONTROLLING<br>DEVICES, NEC                          | 16              | 1         |       | 17            |
| MEAT AND FISH (SEAFOOD) MARKETS,<br>INCLUDING FREEZER PROVISIONERS | 4               | 6         |       | 10            |
| MEAT PACKING PLANTS  | 1,422           | 237       |       | 1,659         |
| MEATS AND MEAT PRODUCTS  | 54              | 74        |       | 128           |
| MEDICAL EQUIPMENT RENTAL AND<br>LEASING                            | 22              | 1         |       | 23            |
| MEDICAL LABORATORIES   | 31              | 3         |       | 34            |
| MEDICAL, DENTAL, AND HOSPITAL<br>EQUIPMENT AND SUPPLIES            | 11              | 2         |       | 13            |
| MEDICINAL CHEMICALS AND<br>BOTANICAL PRODUCTS                      | 8               |           |       | 8             |
| MEMBERSHIP ORGANIZATIONS, NEC                                      | 45              | 13        |       | 58            |
| MEMBERSHIP SPORTS AND<br>RECREATION CLUBS                          | 58              | 23        |       | 81            |
| MEN'S AND BOYS' CLOTHING AND<br>FURNISHINGS                        | 1               | 1         |       | 2             |
| MEN'S AND BOYS' SHIRTS, EXCEPT<br>WORK SHIRTS                      | 2               | 2         |       | 4             |
| METAL DOORS, SASH, FRAMES,<br>MOLDING, AND TRIM MANUFACTURING      | 67              | 9         |       | 76            |
| METAL HEAT TREATING  | 10              | 3         |       | 13            |
| METAL SHIPPING BARRELS, DRUMS,<br>KEGS, AND PAILS                  |                 | 1         |       | 1             |
| METAL STAMPING, NEC  | 16              |           |       | 16            |

Source: Kansas Division of Workers Compensation

**Table 2-20 continued**  
**SIC Code Reported in Occupational Injuries & Illnesses by**  
**Severity FY 2008**

| SIC  | No Time<br>Lost | Time Lost | Fatal | Total Inj/Ill |
|--|-----------------|-----------|-------|---------------|
| METALS SERVICE CENTERS AND<br>OFFICES                      | 53              | 44        |       | 97            |
| MILLWORK   | 63              | 12        |       | 75            |
| MINERAL WOOL   | 11              | 13        |       | 24            |
| MINERALS AND EARTHS, GROUND OR<br>OTHERWISE TREATED        | 5               | 3         |       | 8             |
| MISCELLANEOUS APPAREL AND<br>ACCESSORY STORES              | 114             | 10        |       | 124           |
| MISCELLANEOUS BUSINESS CREDIT<br>INSTITUTIONS              | 2               | 2         |       | 4             |
| MISCELLANEOUS FOOD STORES                                  | 2               | 56        |       | 58            |
| MISCELLANEOUS GENERAL<br>MERCHANDISE STORES                | 26              | 40        |       | 66            |
| MISCELLANEOUS HOMEFURNISHINGS<br>STORES                    | 10              | 21        |       | 31            |
| MISCELLANEOUS PERSONAL SERVICES,<br>NEC                    | 8               | 1         |       | 9             |
| MISCELLANEOUS PUBLISHING                                   | 58              | 3         |       | 61            |
| MISCELLANEOUS RETAIL STORES, NEC                           | 218             | 60        |       | 278           |
| MISCELLANEOUS STRUCTURAL METAL<br>WORK                     | 39              | 1         |       | 40            |
| MOBILE HOME DEALERS  | 1               | 1         |       | 2             |
| MOLDED, EXTRUDED, AND LATHE-CUT<br>MECHANICAL RUBBER GOODS | 1               |           |       | 1             |
| MORTGAGE BANKERS AND LOAN<br>CORRESPONDENTS                | 1               |           |       | 1             |
| MOTION PICTURE THEATERS, EXCEPT<br>DRIVE-IN                | 23              | 1         |       | 24            |
| MOTOR VEHICLE DEALERS (NEW AND<br>USED)                    | 132             | 221       |       | 353           |
| MOTOR VEHICLE DEALERS (USED ONLY)                          | 26              | 10        |       | 36            |
| MOTOR VEHICLE PARTS AND<br>ACCESSORIES                     | 42              | 12        |       | 54            |
| MOTOR VEHICLE PARTS, USED                                  | 2               | 1         |       | 3             |
| MOTOR VEHICLE SUPPLIES AND NEW<br>PARTS                    | 37              | 24        |       | 61            |
| MOTORS AND GENERATORS                                      | 5               | 27        |       | 32            |
| MUSEUMS AND ART GALLERIES                                  | 8               | 2         |       | 10            |
| MUSICAL INSTRUMENT STORES                                  | 1               |           |       | 1             |
| MUSICAL INSTRUMENTS  |                 | 5         |       | 5             |
| NATIONAL COMMERCIAL BANKS                                  | 42              | 11        |       | 53            |
| NATURAL GAS DISTRIBUTION                                   | 1               | 1         |       | 2             |

Source: Kansas Division of Workers Compensation

**Table 2-20 continued**  
**SIC Code Reported in Occupational Injuries & Illnesses by**  
**Severity FY 2008**

| SIC   | No Time<br>Lost | Time Lost | Fatal | Total Inj/Ill |
|---|-----------------|-----------|-------|---------------|
| NATURAL GAS TRANSMISSION  | 1               |           |       | 1             |
| NATURAL GAS TRANSMISSION AND<br>DISTRIBUTION                                    | 6               | 2         |       | 8             |
| NEWS SYNDICATES   | 14              |           |       | 14            |
| NEWSPAPERS: PUBLISHING, OR<br>PUBLISHING AND PRINTING                           | 40              | 14        | 1     | 55            |
| NITROGENOUS FERTILIZERS   |                 | 1         |       | 1             |
| NONCLAY REFRACTORIES  | 1               |           |       | 1             |
| NONDURABLE GOODS, NEC   | 12              | 6         |       | 18            |
| NONFERROUS DIE-CASTINGS, EXCEPT<br>ALUMINUM                                     | 5               | 1         |       | 6             |
| NONFERROUS FOUNDRIES, EXCEPT<br>ALUMINUM AND COPPER                             | 2               |           |       | 2             |
| NONMETALLIC MINERAL PRODUCTS,<br>NEC  | 1               | 1         |       | 2             |
| NONMETALLIC MINERALS SERVICES<br>EXCEPT FUELS                                   | 10              | 3         |       | 13            |
| NURSING AND PERSONAL CARE<br>FACILITIES, NEC                                    | 152             | 77        |       | 229           |
| OFFICE AND STORE FIXTURES,<br>PARTITIONS, SHELVING, AND LOCKERS,<br>EXCEPT WOOD | 6               | 1         |       | 7             |
| OFFICE EQUIPMENT  | 7               | 8         |       | 15            |
| OFFICE FURNITURE, EXCEPT WOOD   | 1               |           |       | 1             |
| OFFICES AND CLINICS OF<br>CHIROPRACTORS   | 1               | 1         |       | 2             |
| OFFICES AND CLINICS OF DENTISTS   | 20              | 5         |       | 25            |
| OFFICES AND CLINICS OF DOCTORS OF<br>MEDICINE                                   | 297             | 115       |       | 412           |
| OFFICES AND CLINICS OF OSTEOPATHY   | 1               | 1         |       | 2             |
| OFFICES AND CLINICS OF HEALTH<br>PRACTITIONERS, NEC                             | 28              | 11        |       | 39            |
| OFFICES AND CLINICS OF PODIATRISTS,<br>NEC                                      | 2               |           |       | 2             |
| OFFICES OF BANK HOLDING COMPANIES   | 5               |           |       | 5             |
| OFFICES OF HOLDING COMPANIES, NEC   | 30              | 3         |       | 33            |
| OIL AND GAS FIELD EXPLORATION<br>SERVICES                                       | 24              | 6         |       | 30            |
| OIL AND GAS FIELD MACHINERY AND<br>EQUIPMENT                                    | 5               | 3         |       | 8             |

Source: Kansas Division of Workers Compensation

**Table 2-20 continued**  
**SIC Code Reported in Occupational Injuries & Illnesses by**  
**Severity FY 2008**

| SIC   | No Time<br>Lost | Time Lost | Fatal | Total Inj/Ill |
|---|-----------------|-----------|-------|---------------|
| OIL AND GAS FIELD SERVICES, NEC                                 | 94              | 50        | 1     | 145           |
| OIL ROYALTY TRADERS   | 3               | 2         |       | 5             |
| OPERATIVE BUILDERS  | 30              | 12        |       | 42            |
| OPERATORS OF APARTMENT BUILDINGS                                | 59              | 23        |       | 82            |
| OPERATORS OF DWELLINGS OTHER<br>THAN APARTMENT BUILDINGS        |                 | 5         |       | 5             |
| OPERATORS OF NONRESIDENTIAL<br>BUILDINGS                        | 5               | 7         |       | 12            |
| OPERATORS OF RESIDENTIAL MOBILE<br>HOME SITES                   | 2               | 2         |       | 4             |
| OPHTHALMIC GOODS  | 41              | 2         |       | 43            |
| OPTICAL GOODS STORES  | 14              | 1         |       | 15            |
| ORGANIZATION HOTELS AND LODGING<br>HOUSES, ON MEMBERSHIP BASIS  | 2               |           |       | 2             |
| ORNAMENTAL FLORICULTURE AND<br>NURSERY PRODUCTS                 | 7               | 6         |       | 13            |
| ORNAMENTAL SHRUB AND TREE<br>SERVICES                           | 53              | 29        |       | 82            |
| ORTHOPEDIC, PROSTHETIC, AND<br>SURGICAL APPLIANCES AND SUPPLIES | 13              | 1         |       | 14            |
| OUTDOOR ADVERTISING SERVICES                                    | 1               | 1         |       | 2             |
| OVERHEAD TRAVELING CRANES,<br>HOISTS, AND MONORAIL SYSTEMS      | 2               |           |       | 2             |
| PACKAGED FROZEN FOODS   | 1               | 2         |       | 3             |
| PACKAGING MACHINERY   | 4               |           |       | 4             |
| PACKING AND CRATING   |                 | 2         |       | 2             |
| PAINT, GLASS, AND WALLPAPER STORES                              |                 | 10        | 1     | 11            |
| PAINT, VARNISHES, AND SUPPLIES                                  | 4               |           |       | 4             |
| PAINTING AND PAPER HANGING                                      | 25              | 31        |       | 56            |
| PAPER MILLS   | 6               |           |       | 6             |
| PASSENGER CAR LEASING   | 3               |           |       | 3             |
| PASSENGER CAR RENTAL  | 1               |           |       | 1             |
| PATENT OWNERS AND LESSORS                                       | 1               |           |       | 1             |
| PENSION, HEALTH, AND WELFARE<br>FUNDS                           | 1               |           |       | 1             |
| PERIODICALS: PUBLISHING, OR<br>PUBLISHING AND PRINTING          | 9               |           |       | 9             |
| PERSONAL CREDIT INSTITUTIONS                                    | 10              | 1         |       | 11            |
| PESTICIDES AND AGRICULTURAL<br>CHEMICALS, NEC                   |                 | 1         |       | 1             |

Source: Kansas Division of Workers Compensation

**Table 2-20 continued**  
**SIC Code Reported in Occupational Injuries & Illnesses by**  
**Severity FY 2008**

| SIC  | No Time<br>Lost | Time Lost | Fatal | Total Inj/Ill |
|--|-----------------|-----------|-------|---------------|
| PETROLEUM AND PETROLEUM<br>PRODUCTS WHOLESALERS, EXCEPT<br>BULK STATIONS AND TERMINALS | 19              | 14        |       | 33            |
| PETROLEUM BULK STATIONS AND<br>TERMINALS   | 6               | 4         |       | 10            |
| PETROLEUM REFINING   | 1               | 3         |       | 4             |
| PHARMACEUTICAL PREPARATIONS  | 3               | 3         |       | 6             |
| PHOSPHATIC FERTILIZERS   | 2               | 2         |       | 4             |
| PHOTOCOPYING AND DUPLICATING<br>SERVICES   | 2               |           |       | 2             |
| PHOTOFINISHING LABORATORIES  | 1               |           |       | 1             |
| PHOTOGRAPHIC EQUIPMENT AND<br>SUPPLIES   | 1               | 1         |       | 2             |
| PHOTOGRAPHIC STUDIOS, PORTRAIT   | 17              | 2         |       | 19            |
| PHYSICAL FITNESS FACILITIES  | 1               |           |       | 1             |
| PLASTERING, DRYWALL, ACOUSTICAL,<br>AND INSULATION WORK                                | 65              | 56        |       | 121           |
| PLASTICS MATERIAL AND BASIC FORMS<br>AND SHAPES  | 1               |           |       | 1             |
| PLASTICS PIPE  | 5               | 1         |       | 6             |
| PLASTICS PLUMBING FIXTURES   | 30              | 1         |       | 31            |
| PLASTICS PRODUCTS, NEC   | 81              | 29        |       | 110           |
| PLATEMAKING AND RELATED SERVICES   |                 | 1         |       | 1             |
| PLEATING, DECORATIVE AND NOVELTY<br>STITCHING, AND TUCKING FOR THE<br>TRADE            | 2               |           |       | 2             |
| PLUMBING AND HEATING EQUIPMENT<br>AND SUPPLIES (HYDRONICS)                             | 17              | 3         |       | 20            |
| PLUMBING FIXTURE FITTINGS AND TRIM   | 6               |           |       | 6             |
| PLUMBING, HEATING, AND AIR-<br>CONDITIONING  | 312             | 258       |       | 570           |
| POLICE PROTECTION  | 4               | 54        |       | 58            |
| POTATO CHIPS, CORN CHIPS, AND<br>SIMILAR SNACKS  |                 | 80        |       | 80            |
| POULTRY SLAUGHTERING AND<br>PROCESSING   | 13              | 8         |       | 21            |
| POWER LAUNDRIES, FAMILY AND<br>COMMERCIAL  | 6               | 4         |       | 10            |
| PREFABRICATED WOOD BUILDINGS<br>AND COMPONENTS   | 3               | 16        |       | 19            |

Source: Kansas Division of Workers Compensation



**Table 2-20 continued**  
**SIC Code Reported in Occupational Injuries & Illnesses by**  
**Severity FY 2008**

| SIC  | No Time<br>Lost | Time Lost | Fatal | Total Inj/III |
|--|-----------------|-----------|-------|---------------|
| PREPACKAGED SOFTWARE   | 6               | 2         |       | 8             |
| PREPARED FEED AND FEED<br>INGREDIENTS FOR ANIMALS AND<br>FOWLS, EXCEPT DOGS AND CATS | 4               | 6         |       | 10            |
| PREPARED FRESH OR FROZEN FISH<br>AND SEAFOODS  | 2               |           |       | 2             |
| PRESSED AND BLOWN GLASS AND<br>GLASSWARE, NEC  | 2               |           |       | 2             |
| PRIMARY BATTERIES, DRY AND WET   | 51              | 10        |       | 61            |
| PRIMARY PRODUCTION OF ALUMINUM   | 2               |           |       | 2             |
| PRINTED CIRCUIT BOARDS   |                 | 1         |       | 1             |
| PRINTING AND WRITING PAPER   |                 | 6         |       | 6             |
| PRINTING INK   | 2               |           |       | 2             |
| PRINTING TRADES MACHINERY AND<br>EQUIPMENT   | 8               |           |       | 8             |
| PRIVATE HOUSEHOLDS   | 6               | 13        |       | 19            |
| PROFESSIONAL EQUIPMENT AND<br>SUPPLIES, NEC  | 6               |           |       | 6             |
| PROFESSIONAL MEMBERSHIP<br>ORGANIZATIONS   | 1               | 1         |       | 2             |
| PROFESSIONAL SPORTS CLUBS AND<br>PROMOTERS   | 2               | 4         |       | 6             |
| PSYCHIATRIC HOSPITALS  | 10              | 1         |       | 11            |
| PUBLIC GOLF COURSES  | 4               | 4         |       | 8             |
| PUMPS AND PUMPING EQUIPMENT  | 3               |           |       | 3             |
| RACING, INCLUDING TRACK<br>OPERATIONS  | 23              | 1         |       | 24            |
| RADIO AND TELEVISION REPAIR SHOPS  | 1               | 4         |       | 5             |
| RADIO BROADCASTING STATIONS  | 2               | 8         |       | 10            |
| RADIO, TELEVISION, AND CONSUMER<br>ELECTRONICS STORES                                | 11              | 9         |       | 20            |
| RADIO, TELEVISION, AND PUBLISHERS'<br>ADVERTISING REPRESENTATIVES                    |                 | 5         |       | 5             |
| RADIOTELEPHONE COMMUNICATIONS  | 1               | 9         |       | 10            |
| RAILROAD EQUIPMENT   | 4               | 2         |       | 6             |
| RAILROAD SWITCHING AND TERMINAL<br>ESTABLISHMENTS                                    |                 | 2         |       | 2             |
| RAILROADS, LINE-HAUL OPERATING   |                 | 1         |       | 1             |
| READY-MIXED CONCRETE   | 14              | 17        |       | 31            |
| REAL ESTATE AGENTS AND MANAGERS  | 121             | 29        |       | 150           |
| REAL ESTATE INVESTMENT TRUSTS  |                 | 1         |       | 1             |

Source: Kansas Division of Workers Compensation

**Table 2-20 continued**  
**SIC Code Reported in Occupational Injuries & Illnesses by**  
**Severity FY 2008**

| SIC   | No Time<br>Lost | Time Lost | Fatal | Total Inj/III |
|---|-----------------|-----------|-------|---------------|
| RECORD AND PRERECORDED TAPE<br>STORES                               | 7               |           |       | 7             |
| RECREATIONAL VEHICLE DEALERS  | 3               |           |       | 3             |
| RECREATIONAL VEHICLE PARKS AND<br>CAMPSITES                         | 1               |           |       | 1             |
| REFINED PETROLEUM PIPELINES   | 2               |           |       | 2             |
| REFRIGERATED WAREHOUSING AND<br>STORAGE                             | 9               | 5         |       | 14            |
| REFRIGERATION AND AIR-<br>CONDITIONING SERVICES AND REPAIR<br>SHOPS | 8               | 14        |       | 22            |
| REFRIGERATION EQUIPMENT AND<br>SUPPLIES                             | 4               | 2         |       | 6             |
| REFUSE SYSTEMS  | 16              | 159       |       | 175           |
| REGULATION AND ADMINISTRATION OF<br>TRANSPORTATION PROGRAMS         | 3               |           |       | 3             |
| REGULATION OF AGRICULTURAL<br>MARKETING AND COMMODITIES             | 11              |           |       | 11            |
| RELIGIOUS ORGANIZATIONS   | 68              | 82        | 1     | 151           |
| RENTAL OF RAILROAD CARS   |                 | 3         |       | 3             |
| REPAIR SHOPS AND RELATED<br>SERVICES, NEC                           | 46              | 27        |       | 73            |
| RESIDENTIAL CARE  | 255             | 80        |       | 335           |
| RETAIL BAKERIES   | 19              | 5         |       | 24            |
| RETAIL NURSERIES, LAWN AND GARDEN<br>SUPPLY STORES                  | 15              | 13        |       | 28            |
| REUPHOLSTERY AND FURNITURE<br>REPAIR                                |                 | 5         |       | 5             |
| ROLLING MILL MACHINERY AND<br>EQUIPMENT                             | 30              | 1         |       | 31            |
| ROLLING, DRAWING, AND EXTRUDING<br>OF COPPER                        | 27              |           |       | 27            |
| ROOFING, SIDING, AND INSULATION<br>MATERIALS                        | 16              | 10        |       | 26            |
| ROOFING, SIDING, AND SHEET METAL<br>WORK                            | 74              | 63        | 1     | 138           |
| RUBBER AND PLASTICS HOSE AND<br>BELTING                             | 74              | 22        |       | 96            |
| SANITARY SERVICES, NEC  | 1               | 6         |       | 7             |
| SAUSAGES AND OTHER PREPARED<br>MEATS                                | 34              | 20        |       | 54            |
| SAVINGS INSTITUTIONS, FEDERALLY<br>CHARTERED                        | 16              | 1         |       | 17            |

Source: Kansas Division of Workers Compensation

**Table 2-20 continued**  
**SIC Code Reported in Occupational Injuries & Illnesses by**  
**Severity FY 2008**

| SIC   | No Time<br>Lost | Time Lost | Fatal | Total Inj/III |
|---|-----------------|-----------|-------|---------------|
| SAVINGS INSTITUTIONS, NOT<br>FEDERALLY CHARTERED  | 1               |           |       | 1             |
| SAWMILLS AND PLANING MILLS,<br>GENERAL  | 1               | 1         |       | 2             |
| SCALES AND BALANCES, EXCEPT<br>LABORATORY   | 1               |           |       | 1             |
| SCHIFFLI MACHINE EMBROIDERIES   | 1               |           |       | 1             |
| SCHOOL BUSES  | 20              | 1         |       | 21            |
| SCHOOLS AND EDUCATIONAL<br>SERVICES, NEC  | 2               | 2         |       | 4             |
| SCRAP AND WASTE MATERIALS   | 47              | 18        |       | 65            |
| SEARCH, DETECTION, NAVIGATION,<br>GUIDANCE, AERONAUTICAL, AND<br>NAUTICAL SYSTEMS AND INSTRUMEN | 19              | 4         |       | 23            |
| SECONDARY SMELTING AND REFINING<br>OF NONFERROUS METALS   | 7               | 3         |       | 10            |
| SECRETARIAL AND COURT REPORTING<br>SERVICES   | 4               | 8         |       | 12            |
| SECURITY BROKERS, DEALERS, AND<br>FLOTATION COMPANIES   | 10              | 2         |       | 12            |
| SECURITY SYSTEMS SERVICES   | 3               | 13        |       | 16            |
| SERVICE ESTABLISHMENT EQUIPMENT<br>AND SUPPLIES   | 20              | 5         |       | 25            |
| SERVICE INDUSTRY MACHINERY, NEC   | 6               | 2         |       | 8             |
| SERVICES ALLIED WITH THE EXCHANGE<br>OF SECURITIES OR COMMODITIES, NEC                          | 1               |           |       | 1             |
| SERVICES, NEC   | 41              | 72        |       | 113           |
| SETUP PAPERBOARD BOXES  |                 | 6         |       | 6             |
| SEWING, NEEDLEWORK, AND PIECE<br>GOODS STORES   | 2               |           |       | 2             |
| SHEET METAL WORK  | 71              | 14        |       | 85            |
| SHIP BUILDING AND REPAIRING   | 1               | 1         |       | 2             |
| SHOE STORES   | 6               | 2         |       | 8             |
| SHORT-TERM BUSINESS CREDIT<br>INSTITUTIONS, EXCEPT AGRICULTURAL                                 | 2               |           |       | 2             |
| SIGNS AND ADVERTISING SPECIALTIES   | 5               | 4         |       | 9             |
| SILVERWARE, PLATED WARE, AND<br>STAINLESS STEEL WARE  | 1               |           |       | 1             |
| SKILLED NURSING CARE FACILITIES   | 947             | 286       |       | 1,233         |
| SMALL ARMS AMMUNITION   | 2               |           |       | 2             |
| SOAPS AND OTHER DETERGENTS,<br>EXCEPT SPECIALITY CLEANERS                                       | 5               | 3         |       | 8             |

Source: Kansas Division of Workers Compensation

**Table 2-20 continued**  
**SIC Code Reported in Occupational Injuries & Illnesses by**  
**Severity FY 2008**

| SIC   | No Time<br>Lost | Time Lost | Fatal | Total Inj/III |
|---|-----------------|-----------|-------|---------------|
| SOCIAL SERVICES, NEC  | 17              | 31        |       | 48            |
| SOIL PREPARATION SERVICES   | 1               | 3         |       | 4             |
| SPECIAL INDUSTRY MACHINERY, NEC   | 10              | 2         |       | 12            |
| SPECIAL DIES AND TOOLS, DIE SETS,<br>JIGS AND FIXTURES, AND INDUSTRIAL<br>MOLDS | 4               | 2         |       | 6             |
| SPECIAL TRADE CONTRACTORS, NEC  | 48              | 43        |       | 91            |
| SPECIAL WAREHOUSING AND<br>STORAGE, NEC   | 6               | 67        |       | 73            |
| SPECIALITY CLEANING, POLISHING,<br>AND SANITARY PREPARATIONS                    | 6               | 1         |       | 7             |
| SPECIALTY HOSPITALS, EXCEPT<br>PSYCHIATRIC                                      | 4               | 1         |       | 5             |
| SPECIALTY OUTPATIENT FACILITIES,<br>NEC   | 29              | 13        |       | 42            |
| SPEED CHANGERS, INDUSTRIAL HIGH-<br>SPEED DRIVES, AND GEARS                     | 1               |           |       | 1             |
| SPORTING AND ATHLETIC GOODS, NEC  | 3               |           |       | 3             |
| SPORTING AND RECREATIONAL CAMPS   | 1               | 3         |       | 4             |
| SPORTING AND RECREATIONAL GOODS<br>AND SUPPLIES                                 | 10              | 4         |       | 14            |
| SPORTING GOODS STORES AND<br>BICYCLE SHOPS                                      | 33              | 5         |       | 38            |
| STATE COMMERCIAL BANKS  | 42              | 9         |       | 51            |
| STATIONERY AND OFFICE SUPPLIES  | 14              | 6         |       | 20            |
| STATIONERY STORES   | 2               | 17        |       | 19            |
| STEEL FOUNDRIES, NEC  | 5               |           |       | 5             |
| STEEL PIPE AND TUBES  |                 | 1         |       | 1             |
| STEEL WIREDRAWING AND STEEL<br>NAILS AND SPIKES                                 | 26              | 1         |       | 27            |
| STEEL WORKS, BLAST FURNACES<br>(INCLUDING COKE OVENS), AND<br>ROLLING MILLS     | 23              | 1         |       | 24            |
| STORAGE BATTERIES   | 37              |           |       | 37            |
| STRUCTURAL CLAY PRODUCTS, NEC   | 3               | 3         |       | 6             |
| STRUCTURAL STEEL ERECTION   | 22              | 14        |       | 36            |
| STRUCTURAL WOOD MEMBERS, NEC  |                 | 3         |       | 3             |
| SURGICAL AND MEDICAL INSTRUMENTS<br>AND APPARATUS                               | 4               | 2         |       | 6             |
| SURVEYING SERVICES  | 1               | 4         |       | 5             |
| SWITCHGEAR AND SWITCHBOARD<br>APPARATUS   | 5               |           |       | 5             |

Source: Kansas Division of Workers Compensation

**Table 2-20 continued**  
**SIC Code Reported in Occupational Injuries & Illnesses by**  
**Severity FY 2008**

| SIC   | No Time<br>Lost | Time Lost | Fatal | Total Inj/Ill |
|---|-----------------|-----------|-------|---------------|
| TAX RETURN PREPARATION SERVICES   | 2               | 1         |       | 3             |
| TAXICABS  |                 | 1         |       | 1             |
| TELEPHONE COMMUNICATIONS, EXCEPT<br>RADIOTELEPHONE  | 100             | 19        |       | 119           |
| TELEVISION BROADCASTING STATIONS  | 11              | 1         |       | 12            |
| TERMINAL AND JOINT TERMINAL<br>MAINTENANCE FACILITIES FOR MOTOR<br>FREIGHT TRANSPORTATION | 13              | 2         |       | 15            |
| TERRAZZO, TILE, MARBLE, AND MOSAIC<br>WORK  | 1               | 1         |       | 2             |
| TEXTILE GOODS, NEC  | 8               |           |       | 8             |
| THEATRICAL PRODUCERS (EXCEPT<br>MOTION PICTURE) AND MISCELLANEOUS<br>THEATRICAL SERVICES  | 9               | 13        |       | 22            |
| TIRES AND TUBES   | 2               | 5         |       | 7             |
| TITLE ABSTRACT OFFICES  | 1               |           |       | 1             |
| TITLE INSURANCE   |                 | 1         |       | 1             |
| TOP, BODY, AND UPHOLSTERY REPAIR<br>SHOPS AND PAINT SHOPS                                 | 11              | 33        |       | 44            |
| TOUR OPERATORS  | 2               |           |       | 2             |
| TOYS AND HOBBY GOODS AND<br>SUPPLIES  | 6               | 1         |       | 7             |
| TRANSPORTATION EQUIPMENT AND<br>SUPPLIES, EXCEPT MOTOR VEHICLES                           | 9               | 2         |       | 11            |
| TRANSPORTATION EQUIPMENT, NEC   | 13              | 1         |       | 14            |
| TRANSPORTATION SERVICES, NEC  | 9               | 1         |       | 10            |
| TRAVEL AGENCIES   | 3               |           |       | 3             |
| TRAVEL TRAILERS AND CAMPERS   | 2               |           |       | 2             |
| TREE NUTS   | 1               |           |       | 1             |
| TRUCK AND BUS BODIES  | 6               |           |       | 6             |
| TRUCK RENTAL AND LEASING, WITHOUT<br>DRIVERS  | 11              | 8         | 1     | 20            |
| TRUCK TRAILERS  | 5               |           |       | 5             |
| TRUCKING, EXCEPT LOCAL  | 183             | 143       | 1     | 327           |
| TRUSTS, EXCEPT EDUCATIONAL,<br>RELIGIOUS, AND CHARITABLE                                  | 2               | 1         |       | 3             |
| TURKEY AND TURKEY EGGS  | 2               |           |       | 2             |
| UNCLASSIFIABLE  | 207             | 155       | 0     | 362           |
| UNSUPPORTED PLASTICS FILM AND<br>SHEET  | 12              | 2         |       | 14            |
| UNSUPPORTED PLASTICS PROFILE<br>SHAPES  |                 | 12        |       | 12            |

Source: Kansas Division of Workers Compensation

**Table 2-20 continued**  
**SIC Code Reported in Occupational Injuries & Illnesses by**  
**Severity FY 2008**

| SIC  | No Time<br>Lost | Time Lost | Fatal | Total Inj/Ill |
|--|-----------------|-----------|-------|---------------|
| USED MERCHANDISE STORES  | 7               |           |       | 7             |
| VARIETY STORES   | 433             | 243       | 3     | 679           |
| VETERINARY SERVICES FOR ANIMAL<br>SPECIALTIES                                | 50              | 15        |       | 65            |
| VETERINARY SERVICES FOR LIVESTOCK  | 16              | 5         |       | 21            |
| VIDEO TAPE RENTAL  | 1               | 4         |       | 5             |
| VOCATIONAL SCHOOLS, NEC  | 2               |           |       | 2             |
| WARM AIR HEATING AND AIR-<br>CONDITIONING EQUIPMENT AND<br>SUPPLIES          | 11              | 11        |       | 22            |
| WATER SUPPLY   | 10              | 20        |       | 30            |
| WATER TRANSPORTATION SERVICES,<br>NEC  | 1               |           |       | 1             |
| WATER WELL DRILLING  | 4               | 19        |       | 23            |
| WATER, SEWER, PIPELINE, AND<br>COMMUNICATIONS AND POWER LINE<br>CONSTRUCTION | 93              | 35        |       | 128           |
| WELDING REPAIR   | 11              | 15        |       | 26            |
| WHEAT  | 2               |           |       | 2             |
| WINE AND DISTILLED ALCOHOLIC<br>BEVERAGES                                    | 9               | 3         |       | 12            |
| WIRE SPRINGS   | 10              |           |       | 10            |
| WOMEN'S CLOTHING STORES  | 27              | 2         |       | 29            |
| WOMEN'S, CHILDREN'S, AND INFANTS'<br>CLOTHING AND ACCESSORIES                | 2               | 1         |       | 3             |
| WOMEN'S, MISSES' AND JUNIORS' SUITS,<br>SKIRTS, AND COATS                    | 5               |           |       | 5             |
| WOOD HOUSEHOLD FURNITURE,<br>EXCEPT UPHOLSTERED                              |                 | 12        |       | 12            |
| WOOD HOUSEHOLD FURNITURE,<br>UPHOLSTERED                                     |                 | 16        |       | 16            |
| WOOD KITCHEN CABINETS  | 58              | 15        |       | 73            |
| WOOD OFFICE AND STORE FIXTURES,<br>PARTITIONS, SHELVING, AND LOCKERS         |                 | 1         |       | 1             |
| WOOD OFFICE FURNITURE  | 3               | 2         |       | 5             |
| WOOD PALLETS AND SKIDS   | 15              | 4         |       | 19            |
| WOOD PRESERVING  |                 | 1         |       | 1             |
| WOOD PRODUCTS, NEC   | 1               | 1         |       | 2             |
| WRECKING AND DEMOLITION WORK   |                 | 3         |       | 3             |

Source: Kansas Division of Workers Compensation

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**Table 2-21**  
**NAICS Code Reported in Occupational Injuries & Illnesses**  
**by Severity FY 2008**

| NAICS   | No Time<br>Lost | Time Lost | Fatal | Total Inj/Ill |
|---|-----------------|-----------|-------|---------------|
| ABRASIVE PRODUCT MANUFACTURING  | 1               | 2         |       | 3             |
| ACCOUNTING, TAX PREPARATION,<br>BOOKKEEPING, AND PAYROLL<br>SERVICES  | 3               |           |       | 3             |
| ADMINISTRATION OF CONSERVATION<br>PROGRAMS  |                 | 24        |       | 24            |
| ADMINISTRATION OF HOUSING<br>PROGRAMS   | 2               | 3         |       | 5             |
| ADMINISTRATIVE MANAGEMENT AND<br>GENERAL MANAGEMENT CONSULTING<br>SERVICES  |                 | 14        |       | 14            |
| ADVERTISING AGENCIES  | 1               | 2         |       | 3             |
| AGRICULTURAL IMPLEMENT<br>MANUFACTURING   | 2               | 1         |       | 3             |
| AIR AND GAS COMPRESSOR<br>MANUFACTURING   | 2               | 5         |       | 7             |
| AIR TRAFFIC CONTROL (PT)  |                 | 1         |       | 1             |
| AIR-CONDITIONING AND WARM AIR<br>HEATING EQUIPMENT AND<br>COMMERCIAL AND INDUSTRIAL<br>REFRIGERATION EQUIPMENT<br>MANUFACTURING | 29              |           |       | 29            |
| AIRCRAFT ENGINE AND ENGINE PARTS<br>MANUFACTURING (PT)  | 91              | 1,024     |       | 1,115         |
| AIRPORT OPERATIONS  | 3               |           |       | 3             |
| ALL OTHER CONSUMER GOODS<br>RENTAL  | 2               |           |       | 2             |
| ALL OTHER LEATHER GOOD<br>MANUFACTURING (PT)  | 1               |           |       | 1             |
| ALL OTHER AMUSEMENT AND<br>RECREATION INDUSTRIES  | 13              | 42        |       | 55            |
| ALL OTHER ANIMAL PRODUCTION   | 1               | 13        |       | 14            |
| ALL OTHER ANIMAL PRODUCTION (PT)  |                 | 22        |       | 22            |
| ALL OTHER AUTOMOTIVE REPAIR AND<br>MAINTENANCE (PT)   | 1               | 4         |       | 5             |
| ALL OTHER BASIC INORGANIC<br>CHEMICAL MANUFACTURING (PT)  | 13              | 2         |       | 15            |
| ALL OTHER BASIC ORGANIC CHEMICAL<br>MANUFACTURING (PT)  |                 | 2         |       | 2             |
| ALL OTHER BUSINESS SUPPORT<br>SERVICES  | 18              | 4         | 1     | 23            |
| ALL OTHER CONVERTED PAPER<br>PRODUCT MANUFACTURING (PT)   |                 | 10        |       | 10            |

Source: Kansas Division of Workers Compensation



**Table 2-21 continued**  
**NAICS Code Reported in Occupational Injuries & Illnesses**  
**by Severity FY 2008**

| NAICS   | No Time<br>Lost | Time Lost | Fatal | Total Inj/III |
|---|-----------------|-----------|-------|---------------|
| ALL OTHER GENERAL MERCHANDISE STORES  | 8               | 2         |       | 10            |
| ALL OTHER GENERAL PURPOSE MACHINERY MANUFACTURING                             |                 | 1         |       | 1             |
| ALL OTHER GRAIN FARMING   | 1               | 1         |       | 2             |
| ALL OTHER HEALTH AND PERSONAL CARE STORES (PT)                                | 7               | 7         |       | 14            |
| ALL OTHER HOME FURNISHING STORES (PT)   | 1               | 3         |       | 4             |
| ALL OTHER INFORMATION SERVICES  | 22              | 4         |       | 26            |
| ALL OTHER INSURANCE RELATED ACTIVITIES  | 19              | 69        |       | 88            |
| ALL OTHER MISCELLANEOUS AMBULATORY HEALTH CARE SERVICES                       |                 | 37        |       | 37            |
| ALL OTHER MISCELLANEOUS CHEMICAL AND PREPARATION MANUFACTURING (PT)           | 5               | 6         |       | 11            |
| ALL OTHER MISCELLANEOUS CROP FARMING (PT)                                     |                 | 1         |       | 1             |
| ALL OTHER MISCELLANEOUS ELECTRICAL EQUIPMENT AND COMPONENT MANUFACTURING (PT) | 5               | 1         |       | 6             |
| ALL OTHER MISCELLANEOUS FABRICATED METAL PRODUCT MANUFACTURING (PT)           | 6               | 69        |       | 75            |
| ALL OTHER MISCELLANEOUS FOOD MANUFACTURING (PT)                               | 1               | 103       |       | 104           |
| ALL OTHER MISCELLANEOUS GENERAL PURPOSE MACHINERY MANUFACTURING (PT)          | 13              | 41        |       | 54            |
| ALL OTHER MISCELLANEOUS MANUFACTURING   | 7               |           |       | 7             |
| ALL OTHER MISCELLANEOUS MANUFACTURING (PT)                                    | 3               | 3         |       | 6             |
| ALL OTHER MISCELLANEOUS STORE RETAILERS                                       | 1               |           |       | 1             |
| ALL OTHER MISCELLANEOUS STORE RETAILERS (EXCEPT TOBACCO STORES) (PT)          | 10              | 125       |       | 135           |
| ALL OTHER MISCELLANEOUS TEXTILE PRODUCT MILLS (PT)                            | 9               | 4         |       | 13            |
| ALL OTHER MISCELLANEOUS WASTE MANAGEMENT SERVICES                             |                 | 3         |       | 3             |

Source: Kansas Division of Workers Compensation

**Table 2-21 continued**  
**NAICS Code Reported in Occupational Injuries & Illnesses**  
**by Severity FY 2008**

| NAICS   | No Time<br>Lost | Time Lost | Fatal | Total Inj/III |
|---|-----------------|-----------|-------|---------------|
| ALL OTHER MOTOR VEHICLE DEALERS                               | 3               | 14        |       | 17            |
| ALL OTHER MOTOR VEHICLE PART<br>MANUFACTURING (PT)            | 38              | 11        |       | 49            |
| ALL OTHER NONDEPOSITORY CREDIT<br>INTERMEDIATION              | 1               | 3         |       | 4             |
| ALL OTHER NONRESIDENTIAL<br>SPECIALTY TRADE CONTRACTORS       | 15              | 18        |       | 33            |
| ALL OTHER OUTPATIENT CARE<br>FACILITIES                       | 19              | 95        |       | 114           |
| ALL OTHER PERSONAL SERVICES                                   | 5               | 14        |       | 19            |
| ALL OTHER PLASTICS PRODUCT<br>MANUFACTURING (PT)              | 14              | 74        |       | 88            |
| ALL OTHER PROFESSIONAL,<br>SCIENTIFIC, AND TECHNICAL SERVICES | 6               | 2         |       | 8             |
| ALL OTHER PUBLISHERS  |                 | 8         |       | 8             |
| ALL OTHER RESIDENTIAL SPECIALTY<br>TRADE CONTRACTORS          | 9               | 13        |       | 22            |
| ALL OTHER RUBBER PRODUCT<br>MANUFACTURING                     |                 | 11        |       | 11            |
| ALL OTHER SPECIALTY FOOD STORES<br>(PT)                       | 2               | 1         |       | 3             |
| ALL OTHER SPECIALTY TRADE<br>CONTRACTORS                      |                 | 1         |       | 1             |
| ALL OTHER SUPPORT SERVICES                                    | 9               | 1         |       | 10            |
| ALL OTHER TEXTILE PRODUCT MILLS                               | 1               | 1         |       | 2             |
| ALL OTHER TRANSIT AND GROUND<br>PASSENGER TRANSPORTATION (PT) | 1               |           |       | 1             |
| ALL OTHER TRAVEL ARRANGEMENT<br>AND RESERVATION SERVICES (PT) | 3               |           |       | 3             |
| ALL OTHER TRAVELER<br>ACCOMMODATION                           | 1               | 5         |       | 6             |
| ALUMINUM FOUNDRIES (EXCEPT DIE-<br>CASTING)                   |                 | 1         |       | 1             |
| AMBULANCE SERVICES  |                 | 2         |       | 2             |
| AMMUNITION (EXCEPT SMALL ARMS)<br>MANUFACTURING               | 2               | 20        |       | 22            |
| AMUSEMENT AND THEME PARKS                                     | 10              | 2         |       | 12            |
| AMUSEMENT ARCADES   |                 | 1         |       | 1             |
| ANIMAL (EXCEPT POULTRY)<br>SLAUGHTERING (PT)                  | 23              | 8         |       | 31            |
| ANIMAL FOOD MANUFACTURING                                     | 2               |           |       | 2             |

Source: Kansas Division of Workers Compensation

**Table 2-21 continued**  
**NAICS Code Reported in Occupational Injuries & Illnesses**  
**by Severity FY 2008**

| NAICS   | No Time<br>Lost | Time Lost | Fatal | Total Inj/Ill |
|---|-----------------|-----------|-------|---------------|
| ANIMAL SLAUGHTERING AND PROCESSING  | 2               | 1         |       | 3             |
| APPLIANCE REPAIR AND MAINTENANCE (PT)   | 2               |           |       | 2             |
| APPLIANCE, TELEVISION, AND OTHER ELECTRONICS STORES   | 1               |           |       | 1             |
| ARCHITECTURAL SERVICES  |                 | 18        |       | 18            |
| ARMORED CAR SERVICES  | 1               | 2         |       | 3             |
| ASPHALT PAVING MIXTURE AND BLOCK MANUFACTURING  |                 | 1         |       | 1             |
| AUTOMATIC ENVIRONMENTAL CONTROL MANUFACTURING FOR REGULATING RESIDENTIAL, COMMERCIAL, AND APPLIANCE USE | 1               | 1         |       | 2             |
| AUTOMOBILE AND OTHER MOTOR VEHICLE MERCHANT WHOLESALERS   | 8               | 1         |       | 9             |
| AUTOMOBILE AND OTHER MOTOR VEHICLE WHOLESALERS  | 1               |           |       | 1             |
| AUTOMOBILE MANUFACTURING  |                 | 302       |       | 302           |
| AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE   | 10              | 13        |       | 23            |
| AUTOMOTIVE BODY, PAINT, INTERIOR, AND GLASS REPAIR  | 2               | 4         |       | 6             |
| AUTOMOTIVE GLASS REPLACEMENT SHOPS (PT)   | 3               |           |       | 3             |
| AUTOMOTIVE MECHANICAL AND ELECTRICAL REPAIR AND MAINTENANCE   | 3               | 9         |       | 12            |
| AUTOMOTIVE PARTS AND ACCESSORIES (PT)   |                 | 2         |       | 2             |
| AUTOMOTIVE PARTS AND ACCESSORIES STORES   | 12              | 4         |       | 16            |
| BAKED GOODS STORES  | 1               | 1         |       | 2             |
| BEAUTY SALONS   | 20              | 8         |       | 28            |
| BEEF CATTLE RANCHING AND FARMING (PT)   | 2               | 3         |       | 5             |
| BEEF CATTLE RANCHING AND FARMING, INCLUDING FEEDLOTS  |                 | 4         |       | 4             |
| BEER AND ALE MERCHANT WHOLESALERS   | 6               | 17        |       | 23            |
| BEER, WINE, AND LIQUOR STORES   | 5               | 4         |       | 9             |
| BIOLOGICAL PRODUCT (EXCEPT DIAGNOSTIC MANUFACTURING   | 1               | 3         |       | 4             |

Source: Kansas Division of Workers Compensation

**Table 2-21 continued**  
**NAICS Code Reported in Occupational Injuries & Illnesses**  
**by Severity FY 2008**

| NAICS  | No Time<br>Lost | Time Lost | Fatal | Total Inj/III |
|--|-----------------|-----------|-------|---------------|
| BITUMINOUS COAL AND LIGNITE<br>SURFACE MINING                              | 3               |           |       | 3             |
| BLOOD AND ORGAN BANKS  | 5               |           |       | 5             |
| BOAT BUILDING  |                 | 178       |       | 178           |
| BOLT, NUT, SCREW, RIVET, AND<br>WASHER MANUFACTURING (PT)                  | 28              | 4         |       | 32            |
| BOOK STORES  | 27              | 15        |       | 42            |
| BOOK, PERIODICAL, AND NEWSPAPER<br>MERCHANT WHOLESALERS                    | 2               | 1         |       | 3             |
| BOOKS PRINTING   | 1               |           |       | 1             |
| BOTTLED WATER MANUFACTURING (PT)   | 2               | 13        |       | 15            |
| BOWLING CENTERS  | 1               | 4         |       | 5             |
| BREAKFAST CEREAL MANUFACTURING   |                 | 2         |       | 2             |
| BRICK AND STRUCTURAL CLAY TILE<br>MANUFACTURING                            | 2               | 1         |       | 3             |
| BRICK, STONE, AND RELATED<br>CONSTRUCTION MATERIAL MERCHANT<br>WHOLESALERS | 9               | 5         |       | 14            |
| BROADWOVEN FABRIC FINISHING MILLS<br>(PT)                                  |                 | 1         |       | 1             |
| BROADWOVEN FABRIC MILLS  |                 | 4         |       | 4             |
| BROOM, BRUSH, AND MOP<br>MANUFACTURING (PT)                                | 3               | 28        |       | 31            |
| BUILDING EQUIPMENT AND OTHER<br>MACHINERY INSTALLATION<br>CONTRACTORS      | 2               |           |       | 2             |
| BUILDING INSPECTION SERVICES   |                 | 1         |       | 1             |
| BURIAL CASKET MANUFACTURING  | 1               |           |       | 1             |
| BUS AND OTHER MOTOR VEHICLE<br>TRANSIT SYSTEMS                             | 5               | 18        |       | 23            |
| BUSINESS ASSOCIATIONS  | 1               | 5         |       | 6             |
| BUSINESS TO BUSINESS ELECTRONIC<br>MARKETS                                 |                 | 4         |       | 4             |
| CABLE AND OTHER PROGRAM<br>DISTRIBUTION                                    | 6               | 3         |       | 9             |
| CAFETERIAS   | 3               | 21        |       | 24            |
| CAMERA AND PHOTOGRAPHIC<br>SUPPLIES STORES                                 |                 | 5         |       | 5             |
| CANVAS AND RELATED PRODUCT MILLS<br>(PT)                                   |                 | 44        |       | 44            |
| CARBURETOR, PISTON, PISTON RING,<br>AND VALVE MANUFACTURING                | 1               | 1         |       | 2             |

Source: Kansas Division of Workers Compensation

**Table 2-21 continued**  
**NAICS Code Reported in Occupational Injuries & Illnesses**  
**by Severity FY 2008**

| NAICS  | No Time<br>Lost | Time Lost | Fatal | Total Inj/III |
|--|-----------------|-----------|-------|---------------|
| CARPENTRY CONTRACTORS  | 3               | 3         |       | 6             |
| CARPET AND RUG MILLS   |                 | 1         |       | 1             |
| CARPET AND UPHOLSTERY CLEANING<br>SERVICES   | 5               | 16        |       | 21            |
| CARWASHES  | 1               | 7         |       | 8             |
| CATERERS   | 4               | 6         |       | 10            |
| CATTLE FEEDLOTS  | 16              | 24        |       | 40            |
| CELLULAR AND OTHER WIRELESS<br>TELECOMMUNICATIONS  | 3               | 3         |       | 6             |
| CEMENT MANUFACTURING   | 4               | 3         |       | 7             |
| CEMETERIES AND CREMATORIES   | 4               |           |       | 4             |
| CHARTER BUS INDUSTRY   | 2               |           |       | 2             |
| CHICKEN EGG PRODUCTION   | 1               |           |       | 1             |
| CHILD AND YOUTH SERVICES   | 3               | 51        |       | 54            |
| CHILD DAY CARE SERVICES  | 17              | 22        |       | 39            |
| CHILD DAY CARE SERVICES (PT)   | 1               | 2         |       | 3             |
| CHILDREN'S AND INFANTS' CLOTHING<br>STORES   | 2               | 3         |       | 5             |
| CIVIC AND SOCIAL ORGANIZATIONS   | 14              | 6         |       | 20            |
| CLAIMS ADJUSTING   | 1               |           |       | 1             |
| CLOTHING ACCESSORIES STORES  | 2               | 12        |       | 14            |
| COFFEE AND TEA MANUFACTURING   |                 | 2         |       | 2             |
| COLLECTION AGENCIES  | 12              | 9         |       | 21            |
| COLLEGES, UNIVERSITIES, AND<br>PROFESSIONAL SCHOOLS  | 102             | 44        |       | 146           |
| COMMERCIAL AND INDUSTRIAL<br>MACHINERY AND EQUIPMENT (EXCEPT<br>AUTOMOTIVE AND ELECTRONIC)<br>REPAIR AND MAINTENANCE | 51              | 8         |       | 59            |
| COMMERCIAL AND INSTITUTIONAL<br>BUILDING CONSTRUCTION  | 168             | 112       |       | 280           |
| COMMERCIAL BAKERIES (PT)   | 6               | 12        |       | 18            |
| COMMERCIAL BANKING   | 29              | 4         |       | 33            |
| COMMERCIAL GRAVURE PRINTING (PT)   | 3               |           |       | 3             |
| COMMERCIAL LITHOGRAPHIC PRINTING<br>(PT)   | 20              | 14        |       | 34            |
| COMMERCIAL SCREEN PRINTING (PT)  | 9               | 37        |       | 46            |
| COMMERCIAL, INDUSTRIAL, AND<br>INSTITUTIONAL ELECTRIC LIGHTING<br>FIXTURE MANUFACTURING                              | 9               | 3         |       | 12            |
| COMMUNICATION EQUIPMENT REPAIR<br>AND MAINTENANCE (PT)   | 1               | 6         |       | 7             |

Source: Kansas Division of Workers Compensation

**Table 2-21 continued**  
**NAICS Code Reported in Occupational Injuries & Illnesses**  
**by Severity FY 2008**

| NAICS   | No Time<br>Lost | Time Lost | Fatal | Total Inj/III |
|---|-----------------|-----------|-------|---------------|
| COMMUNITY CARE FACILITIES FOR THE ELDERLY   | 1               | 1         |       | 2             |
| COMPUTER AND COMPUTER PERIPHERAL EQUIPMENT AND SOFTWARE MERCHANT WHOLESALERS                  | 5               | 1         |       | 6             |
| COMPUTER AND OFFICE MACHINE REPAIR AND MAINTENANCE (PT)                                       | 2               | 3         |       | 5             |
| COMPUTER AND SOFTWARE STORES  | 2               | 2         |       | 4             |
| COMPUTER SYSTEMS DESIGN AND RELATED SERVICES  | 1               |           |       | 1             |
| COMPUTER SYSTEMS DESIGN SERVICES (PT)   | 11              | 3         |       | 14            |
| CONCRETE BLOCK AND BRICK MANUFACTURING  |                 | 25        |       | 25            |
| CONCRETE CONTRACTORS  | 6               | 4         |       | 10            |
| CONCRETE PIPE MANUFACTURING   |                 | 1         |       | 1             |
| CONFECTIONERY MERCHANT WHOLESALERS  |                 | 1         |       | 1             |
| CONSTRUCTION AND MINING (EXCEPT OIL WELL) MACHINERY AND EQUIPMENT MERCHANT WHOLESALERS        | 3               | 5         |       | 8             |
| CONSTRUCTION AND MINING (EXCEPT OIL WELL) MACHINERY AND EQUIPMENT WHOLESALERS                 |                 | 4         |       | 4             |
| CONSTRUCTION MACHINERY MANUFACTURING  | 87              | 81        | 1     | 169           |
| CONSTRUCTION SAND AND GRAVEL MINING   | 1               | 3         |       | 4             |
| CONSTRUCTION, MINING, AND FORESTRY MACHINERY AND EQUIPMENT RENTAL AND LEASING (PT)            | 2               | 23        |       | 25            |
| CONSTRUCTION, TRANSPORTATION, MINING, AND FORESTRY MACHINERY AND EQUIPMENT RENTAL AND LEASING |                 | 2         |       | 2             |
| CONSUMER ELECTRONICS AND APPLIANCES RENTAL  | 6               |           |       | 6             |
| CONSUMER ELECTRONICS REPAIR AND MAINTENANCE (PT)  |                 | 4         |       | 4             |
| CONSUMER LENDING  | 1               |           |       | 1             |
| CONTINUING CARE RETIREMENT COMMUNITIES (PT)   | 66              | 18        |       | 84            |
| CONVENIENCE STORES  | 7               | 4         |       | 11            |

Source: Kansas Division of Workers Compensation

**Table 2-21 continued**  
**NAICS Code Reported in Occupational Injuries & Illnesses**  
**by Severity FY 2008**

| NAICS  | No Time<br>Lost | Time Lost | Fatal | Total Inj/III |
|--|-----------------|-----------|-------|---------------|
| CONVEYOR AND CONVEYING<br>EQUIPMENT MANUFACTURING (PT)   | 24              | 52        | 1     | 77            |
| CORPORATE, SUBSIDIARY, AND<br>REGIONAL MANAGING OFFICES  | 91              | 5         |       | 96            |
| CORRECTIONAL INSTITUTIONS                                | 1               |           |       | 1             |
| CORRUGATED AND SOLID FIBER BOX<br>MANUFACTURING (PT)     |                 | 1         |       | 1             |
| COSMETICS, BEAUTY SUPPLIES, AND<br>PERFUME STORES        | 1               |           |       | 1             |
| COSMETICS, BEAUTY SUPPLIES, AND<br>PERFUME STORES (PT)   | 1               |           |       | 1             |
| COSMETOLOGY AND BARBER SCHOOLS<br>(PT)                   | 1               |           |       | 1             |
| COTTON GINNING   | 1               | 1         |       | 2             |
| COURIERS   | 17              | 15        |       | 32            |
| CREDIT BUREAUS   | 1               |           |       | 1             |
| CREDIT CARD ISSUING                                      |                 | 5         |       | 5             |
| CREDIT UNIONS  | 9               | 1         |       | 10            |
| CROP HARVESTING, PRIMARILY BY<br>MACHINE                 | 6               | 1         |       | 7             |
| CRUDE PETROLEUM AND NATURAL GAS<br>EXTRACTION            | 16              | 63        |       | 79            |
| CRUSHED AND BROKEN LIMESTONE<br>MINING AND QUARRYING     | 4               | 10        |       | 14            |
| CUSTOM COMPOUNDING OF<br>PURCHASED RESIN                 |                 | 2         |       | 2             |
| CUSTOM COMPUTER PROGRAMMING<br>SERVICES                  | 5               | 1         |       | 6             |
| CUT STONE AND STONE PRODUCT<br>MANUFACTURING             | 37              | 13        |       | 50            |
| DAIRY CATTLE AND MILK PRODUCTION                         | 14              | 21        |       | 35            |
| DATA PROCESSING, HOSTING, AND<br>RELATED SERVICES        | 10              | 5         |       | 15            |
| DENTAL EQUIPMENT AND SUPPLIES<br>MANUFACTURING           | 1               |           |       | 1             |
| DENTAL LABORATORIES                                      | 3               | 1         |       | 4             |
| DEPARTMENT STORES (EXCEPT<br>DISCOUNT DEPARTMENT STORES) | 8               | 27        |       | 35            |
| DIET AND WEIGHT REDUCING CENTERS                         |                 | 2         |       | 2             |
| DIMENSION STONE MINING AND<br>QUARRYING                  | 1               | 1         |       | 2             |
| DIRECT HEALTH AND MEDICAL<br>INSURANCE CARRIERS (PT)     | 3               |           |       | 3             |

Source: Kansas Division of Workers Compensation

**Table 2-21 continued**  
**NAICS Code Reported in Occupational Injuries & Illnesses**  
**by Severity FY 2008**

| NAICS  | No Time<br>Lost | Time Lost | Fatal | Total Inj/III |
|--|-----------------|-----------|-------|---------------|
| DIRECT LIFE INSURANCE CARRIERS   | 6               |           |       | 6             |
| DIRECT MAIL ADVERTISING  | 1               | 1         |       | 2             |
| DIRECT PROPERTY AND CASUALTY<br>INSURANCE CARRIERS (PT)  | 3               | 18        |       | 21            |
| DIRECT TITLE INSURANCE CARRIERS  | 2               | 7         |       | 9             |
| DISCOUNT DEPARTMENT STORES   | 21              | 18        |       | 39            |
| DISPLAY ADVERTISING  | 1               | 1         |       | 2             |
| DISTILLERIES   |                 | 3         |       | 3             |
| DOCUMENT PREPARATION SERVICES  | 8               | 23        |       | 31            |
| DOG AND CAT FOOD MANUFACTURING   | 22              | 25        |       | 47            |
| DRILLING OIL AND GAS WELLS   | 42              | 59        |       | 101           |
| DRINKING PLACES (ALCOHOLIC<br>BEVERAGES)   | 11              | 10        |       | 21            |
| DRUGS AND DRUGGISTS' SUNDRIES<br>MERCHANT WHOLESALERS  | 5               |           |       | 5             |
| DRUGS AND DRUGGISTS' SUNDRIES<br>WHOLESALERS   |                 | 1         |       | 1             |
| DRYCLEANING AND LAUNDRY<br>SERVICES (EXCEPT COIN-OPERATED)   | 5               | 3         |       | 8             |
| DRYWALL AND INSULATION<br>CONTRACTORS  | 4               |           |       | 4             |
| DRYWALL, PLASTERING, ACOUSTICAL,<br>AND INSULATION CONTRACTORS (PT)                                      | 2               | 2         |       | 4             |
| EDUCATIONAL SUPPORT SERVICES   | 5               | 15        |       | 20            |
| EDUCATIONAL SUPPORT SERVICES (PT)  |                 | 3         |       | 3             |
| ELECTRIC BULK POWER TRANSMISSION<br>AND CONTROL (PT)   |                 | 4         |       | 4             |
| ELECTRIC HOUSEWARES AND<br>HOUSEHOLD FAN MANUFACTURING   | 3               | 2         |       | 5             |
| ELECTRIC POWER DISTRIBUTION (PT)   | 2               | 13        |       | 15            |
| ELECTRIC POWER TRANSMISSION,<br>CONTROL, AND DISTRIBUTION  |                 | 3         |       | 3             |
| ELECTRICAL AND ELECTRONIC<br>APPLIANCE, TELEVISION, AND RADIO<br>SET WHOLESALERS                         |                 | 4         |       | 4             |
| ELECTRICAL APPARATUS AND<br>EQUIPMENT, WIRING SUPPLIES, AND<br>RELATED EQUIPMENT MERCHANT<br>WHOLESALERS | 2               | 14        |       | 16            |
| ELECTRICAL CONTRACTORS   | 8               | 7         | 2     | 17            |
| ELECTRICAL EQUIPMENT<br>MANUFACTURING  | 3               |           |       | 3             |

Source: Kansas Division of Workers Compensation



**Table 2-21 continued**  
**NAICS Code Reported in Occupational Injuries & Illnesses**  
**by Severity FY 2008**

| NAICS   | No Time<br>Lost | Time Lost | Fatal | Total Inj/III |
|---|-----------------|-----------|-------|---------------|
| ELECTRONIC AND PRECISION<br>EQUIPMENT REPAIR AND<br>MAINTENANCE           | 2               |           |       | 2             |
| ELECTRONIC AUCTIONS   |                 | 2         |       | 2             |
| ELECTRONIC COIL, TRANSFORMER,<br>AND OTHER INDUCTOR<br>MANUFACTURING (PT) | 2               |           |       | 2             |
| ELECTRONIC SHOPPING   | 3               | 1         |       | 4             |
| ELECTROPLATING, PLATING,<br>POLISHING, ANODIZING, AND<br>COLORING (PT)    | 6               | 18        |       | 24            |
| ELEMENTARY AND SECONDARY<br>SCHOOLS                                       | 1,372           | 1,895     |       | 3,267         |
| EMPLOYMENT PLACEMENT AGENCIES   | 59              | 61        |       | 120           |
| EMPLOYMENT PLACEMENT AGENCIES<br>(PT)                                     | 1               |           |       | 1             |
| ENGINEERED WOOD MEMBER (EXCEPT<br>TRUSS) MANUFACTURING                    | 3               |           |       | 3             |
| ENGINEERING SERVICES  | 22              | 21        |       | 43            |
| ENGINEERING SERVICES (PT)   | 2               |           |       | 2             |
| ENVELOPE MANUFACTURING  | 17              | 16        |       | 33            |
| ENVIRONMENTAL CONSULTING<br>SERVICES                                      | 2               |           |       | 2             |
| ETHYL ALCOHOL MANUFACTURING   | 1               | 12        |       | 13            |
| EXCAVATION CONTRACTORS  |                 | 2         |       | 2             |
| EXECUTIVE AND LEGISLATIVE OFFICES,<br>COMBINED                            | 30              | 73        |       | 103           |
| EXECUTIVE OFFICES   | 1               |           |       | 1             |
| EXPLOSIVES MANUFACTURING  | 11              |           |       | 11            |
| EXTERMINATING AND PEST CONTROL<br>SERVICES                                | 1               | 1         |       | 2             |
| FABRICATED PIPE AND PIPE FITTING<br>MANUFACTURING                         | 21              | 2         |       | 23            |
| FABRICATED STRUCTURAL METAL<br>MANUFACTURING (PT)                         | 44              | 37        | 1     | 82            |
| FACILITIES SUPPORT SERVICES   | 22              | 38        |       | 60            |
| FAMILY CLOTHING STORES  | 13              | 27        |       | 40            |
| FARM AND GARDEN MACHINERY AND<br>EQUIPMENT MERCHANT WHOLESALERS           | 126             | 69        |       | 195           |
| FARM AND GARDEN MACHINERY AND<br>EQUIPMENT WHOLESALERS                    | 3               | 5         |       | 8             |
| FARM LABOR CONTRACTORS AND<br>CREW LEADERS                                | 4               | 8         |       | 12            |

Source: Kansas Division of Workers Compensation

**Table 2-21 continued**  
**NAICS Code Reported in Occupational Injuries & Illnesses**  
**by Severity FY 2008**

| NAICS   | No Time<br>Lost | Time Lost | Fatal | Total Inj/III |
|---|-----------------|-----------|-------|---------------|
| FARM MACHINERY AND EQUIPMENT<br>MANUFACTURING                                       | 25              | 107       |       | 132           |
| FARM PRODUCT WAREHOUSING AND<br>STORAGE   | 8               | 35        |       | 43            |
| FARM SUPPLIES MERCHANT<br>WHOLESALE   | 4               | 13        | 1     | 18            |
| FARM SUPPLIES WHOLESALE   |                 | 1         |       | 1             |
| FASTENER, BUTTON, NEEDLE, AND PIN<br>MANUFACTURING (PT)                             | 2               | 2         |       | 4             |
| FERROUS METAL FOUNDRIES   | 11              |           |       | 11            |
| FIBER CAN, TUBE, DRUM, AND SIMILAR<br>PRODUCTS MANUFACTURING                        | 1               |           |       | 1             |
| FINANCIAL TRANSACTIONS<br>PROCESSING, RESERVE, AND<br>CLEARINGHOUSE ACTIVITIES      | 12              | 3         |       | 15            |
| FINANCIAL TRANSACTIONS<br>PROCESSING, RESERVE, AND<br>CLEARINGHOUSE ACTIVITIES (PT) | 3               |           |       | 3             |
| FINISH CARPENTRY CONTRACTORS  | 6               | 1         |       | 7             |
| FIRE PROTECTION   | 6               | 3         |       | 9             |
| FITNESS AND RECREATIONAL SPORTS<br>CENTERS  | 17              | 56        |       | 73            |
| FITNESS AND RECREATIONAL SPORTS<br>CENTERS (PT)                                     | 3               |           |       | 3             |
| FLAVORING SYRUP AND CONCENTRATE<br>MANUFACTURING                                    | 12              |           |       | 12            |
| FLOOR COVERING STORES   | 15              | 3         |       | 18            |
| FLOOR LAYING AND OTHER FLOOR<br>CONTRACTORS   | 3               |           |       | 3             |
| FLORISTS  | 5               | 5         |       | 10            |
| FLOUR MILLING (PT)  |                 | 167       |       | 167           |
| FLOUR MIXES AND DOUGH<br>MANUFACTURING FROM PURCHASED<br>FLOUR                      | 1               | 3         |       | 4             |
| FLOWER, NURSERY STOCK, AND<br>FLORISTS' SUPPLIES MERCHANT<br>WHOLESALE              |                 | 4         |       | 4             |
| FLUID MILK MANUFACTURING  | 7               | 8         |       | 15            |
| FLUID POWER CYLINDER AND<br>ACTUATOR MANUFACTURING                                  | 25              | 1         |       | 26            |
| FLUID POWER VALVE AND HOSE<br>FITTING MANUFACTURING (PT)                            | 10              | 4         |       | 14            |
| FOOD PRODUCT MACHINERY<br>MANUFACTURING   | 34              |           |       | 34            |

Source: Kansas Division of Workers Compensation

**Table 2-21 continued**  
**NAICS Code Reported in Occupational Injuries & Illnesses**  
**by Severity FY 2008**

| NAICS  | No Time<br>Lost | Time Lost | Fatal | Total Inj/III |
|--|-----------------|-----------|-------|---------------|
| FOOD SERVICE CONTRACTORS   | 18              | 5         |       | 23            |
| FOOTWEAR MERCHANT WHOLESALERS                                    | 3               |           |       | 3             |
| FORMAL WEAR AND COSTUME RENTAL<br>(PT)                           | 1               |           |       | 1             |
| FRAMING CONTRACTORS  | 1               | 2         |       | 3             |
| FREESTANDING AMBULATORY<br>SURGICAL AND EMERGENCY CENTERS        |                 | 1         |       | 1             |
| FREIGHT TRANSPORTATION<br>ARRANGEMENT                            | 22              | 19        |       | 41            |
| FRESH FRUIT AND VEGETABLE<br>MERCHANT WHOLESALERS                |                 | 29        |       | 29            |
| FROZEN SPECIALTY FOOD<br>MANUFACTURING                           | 1               | 26        |       | 27            |
| FULL-SERVICE RESTAURANTS   | 158             | 329       |       | 487           |
| FUNERAL HOMES AND FUNERAL<br>SERVICES                            | 2               | 1         |       | 3             |
| FURNITURE MERCHANT WHOLESALERS                                   | 1               | 1         |       | 2             |
| FURNITURE STORES   | 123             | 35        |       | 158           |
| FURNITURE STORES (PT)  | 4               | 2         |       | 6             |
| GASOLINE ENGINE AND ENGINE PARTS<br>MANUFACTURING                |                 | 9         |       | 9             |
| GASOLINE STATIONS WITH<br>CONVENIENCE STORE (PT)                 |                 | 1         |       | 1             |
| GASOLINE STATIONS WITH<br>CONVENIENCE STORES                     | 147             | 37        |       | 184           |
| GENERAL AUTOMOTIVE REPAIR  | 8               | 36        |       | 44            |
| GENERAL FREIGHT TRUCKING, LOCAL                                  | 8               | 13        |       | 21            |
| GENERAL FREIGHT TRUCKING, LONG-<br>DISTANCE                      | 4               | 1         |       | 5             |
| GENERAL FREIGHT TRUCKING, LONG-<br>DISTANCE, LESS THAN TRUCKLOAD | 6               | 28        |       | 34            |
| GENERAL FREIGHT TRUCKING, LONG-<br>DISTANCE, TRUCKLOAD           | 79              | 103       |       | 182           |
| GENERAL LINE GROCERY MERCHANT<br>WHOLESALERS                     | 14              | 10        |       | 24            |
| GENERAL LINE GROCERY<br>WHOLESALERS                              |                 |           |       |               |
| GENERAL MEDICAL AND SURGICAL<br>HOSPITALS                        | 797             | 670       |       | 1,467         |
| GENERAL MEDICAL AND SURGICAL<br>HOSPITALS (PT)                   |                 | 30        |       | 30            |
| GENERAL RENTAL CENTERS   | 11              | 3         |       | 14            |
| GENERAL WAREHOUSING AND<br>STORAGE                               | 5               | 34        |       | 39            |

Source: Kansas Division of Workers Compensation

**Table 2-21 continued**  
**NAICS Code Reported in Occupational Injuries & Illnesses**  
**by Severity FY 2008**

| NAICS   | No Time<br>Lost | Time Lost | Fatal | Total Inj/Ill |
|---|-----------------|-----------|-------|---------------|
| GEOPHYSICAL SURVEYING AND<br>MAPPING SERVICES                     | 3               | 10        | 1     | 14            |
| GIFT, NOVELTY, AND SOUVENIR<br>STORES                             | 8               | 3         |       | 11            |
| GLASS AND GLASS PRODUCT<br>MANUFACTURING                          | 18              |           |       | 18            |
| GOLF COURSES AND COUNTRY CLUBS                                    | 8               | 27        |       | 35            |
| GOLF COURSES AND COUNTRY CLUBS<br>(PT)                            |                 | 2         |       | 2             |
| GRAIN AND FIELD BEAN MERCHANT<br>WHOLESALEERS                     | 22              | 67        |       | 89            |
| GRANTMAKING FOUNDATIONS   | 1               |           |       | 1             |
| GRAPHIC DESIGN SERVICES   | 2               | 1         |       | 3             |
| GREETING CARD PUBLISHERS  |                 | 125       |       | 125           |
| HAIR, NAIL, AND SKIN CARE SERVICES                                | 3               |           |       | 3             |
| HAND AND EDGE TOOL<br>MANUFACTURING (PT)                          | 1               | 8         |       | 9             |
| HARDWARE MANUFACTURING  | 10              | 2         |       | 12            |
| HARDWARE MERCHANT WHOLESALEERS                                    | 1               |           |       | 1             |
| HARDWARE STORES   | 6               | 7         |       | 13            |
| HEATING EQUIPMENT (EXCEPT WARM<br>AIR FURNACE) MANUFACTURING (PT) | 2               | 36        |       | 38            |
| HEAVY DUTY TRUCK MANUFACTURING                                    | 4               |           |       | 4             |
| HIGHWAY AND STREET CONSTRUCTION<br>(PT)                           | 1               | 3         |       | 4             |
| HIGHWAY, STREET, AND BRIDGE<br>CONSTRUCTION                       | 63              | 61        |       | 124           |
| HMO MEDICAL CENTERS   |                 | 1         |       | 1             |
| HOBBY, TOY, AND GAME STORES                                       | 1               | 1         |       | 2             |
| HOG AND PIG FARMING   | 4               | 4         |       | 8             |
| HOME CENTERS  | 3               | 68        |       | 71            |
| HOME FURNISHING MERCHANT<br>WHOLESALEERS                          | 1               | 5         |       | 6             |
| HOME HEALTH CARE SERVICES   | 31              | 25        |       | 56            |
| HOME HEALTH EQUIPMENT RENTAL                                      | 11              | 1         |       | 12            |
| HOMES FOR THE ELDERLY   | 10              | 17        |       | 27            |
| HOTELS (EXCEPT CASINO HOTELS) AND<br>MOTELS                       | 51              | 61        |       | 112           |
| HOTELS (EXCEPT CASINO HOTELS) AND<br>MOTELS (PT)                  | 5               | 1         |       | 6             |
| HOUSEHOLD APPLIANCE STORES  | 2               | 6         |       | 8             |

Source: Kansas Division of Workers Compensation

**Table 2-21 continued**  
**NAICS Code Reported in Occupational Injuries & Illnesses**  
**by Severity FY 2008**

| NAICS  | No Time<br>Lost | Time Lost | Fatal | Total Inj/III |
|--|-----------------|-----------|-------|---------------|
| HOUSEHOLD COOKING APPLIANCE<br>MANUFACTURING   | 7               |           |       | 7             |
| HUMAN RESOURCES AND EXECUTIVE<br>SEARCH CONSULTING SERVICES (PT)                               | 2               |           |       | 2             |
| HUMAN RIGHTS ORGANIZATIONS   |                 | 1         |       | 1             |
| HYDROELECTRIC POWER GENERATION<br>(PT)   | 73              |           |       | 73            |
| ICE MANUFACTURING  | 1               | 1         |       | 2             |
| INDUSTRIAL AND PERSONAL SERVICE<br>PAPER MERCHANT WHOLESALERS                                  |                 | 1         |       | 1             |
| INDUSTRIAL BUILDING CONSTRUCTION   | 9               | 7         |       | 16            |
| INDUSTRIAL LAUNDERERS  | 3               | 1         |       | 4             |
| INDUSTRIAL MACHINERY AND<br>EQUIPMENT MERCHANT WHOLESALERS                                     | 62              | 101       |       | 163           |
| INDUSTRIAL MACHINERY AND<br>EQUIPMENT WHOLESALERS (PT)   | 1               | 1         |       | 2             |
| INDUSTRIAL MOLD MANUFACTURING  |                 | 1         |       | 1             |
| INDUSTRIAL SUPPLIES MERCHANT<br>WHOLESALERS  |                 | 2         |       | 2             |
| INDUSTRIAL TRUCK, TRACTOR,<br>TRAILER, AND STACKER MACHINERY<br>MANUFACTURING                  | 23              | 3         |       | 26            |
| INDUSTRIAL VALVE MANUFACTURING   | 1               | 8         |       | 9             |
| INSTRUMENT MANUFACTURING FOR<br>MEASURING AND TESTING<br>ELECTRICITY AND ELECTRICAL<br>SIGNALS | 13              | 45        |       | 58            |
| INSURANCE AGENCIES AND<br>BROKERAGES   | 12              | 16        |       | 28            |
| INTERIOR DESIGN SERVICES   | 3               | 5         |       | 8             |
| INTERNET PUBLISHING AND<br>BROADCASTING  |                 | 1         |       | 1             |
| INTERNET SERVICE PROVIDERS   | 1               |           |       | 1             |
| INTERURBAN AND RURAL BUS<br>TRANSPORTATION   | 1               |           |       | 1             |
| IRON AND STEEL MILLS (PT)  |                 | 1         |       | 1             |
| IRON FOUNDRIES (PT)  | 53              | 11        |       | 64            |
| JANITORIAL SERVICES  | 79              | 60        |       | 139           |
| JANITORIAL SERVICES (PT)   |                 | 1         |       | 1             |
| JEWELRY (EXCEPT COSTUMB)<br>MANUFACTURING (PT)   |                 | 2         |       | 2             |
| JEWELRY STORES   | 23              | 3         |       | 26            |

Source: Kansas Division of Workers Compensation

**Table 2-21 continued**  
**NAICS Code Reported in Occupational Injuries & Illnesses**  
**by Severity FY 2008**

| NAICS   | No Time<br>Lost | Time Lost | Fatal | Total Inj/III |
|---|-----------------|-----------|-------|---------------|
| JUNIOR COLLEGES   |                 | 17        |       | 17            |
| KIDNEY DIALYSIS CENTERS   | 2               |           |       | 2             |
| KITCHEN UTENSIL, POT, AND PAN<br>MANUFACTURING                                    |                 | 6         |       | 6             |
| LAMINATED PLASTICS PLATE, SHEET<br>(EXCEPT PACKAGING), AND SHAPE<br>MANUFACTURING | 5               | 11        |       | 16            |
| LAMINATED PLASTICS PLATE, SHEET,<br>AND SHAPE MANUFACTURING                       |                 | 31        |       | 31            |
| LANDSCAPE ARCHITECTURAL<br>SERVICES   | 1               | 3         |       | 4             |
| LANDSCAPING SERVICES  | 54              | 60        |       | 114           |
| LANDSCAPING SERVICES (PT)   | 1               | 3         |       | 4             |
| LEGISLATIVE BODIES  |                 | 1         |       | 1             |
| LESSORS OF MINIWAREHOUSES AND<br>SELF-STORAGE UNITS                               | 2               |           |       | 2             |
| LESSORS OF NONFINANCIAL<br>INTANGIBLE ASSETS (EXCEPT<br>COPYRIGHTED WORKS)        | 1               |           |       | 1             |
| LESSORS OF NONRESIDENTIAL<br>BUILDINGS (EXCEPT<br>MINIWAREHOUSES)                 | 4               | 3         |       | 7             |
| LESSORS OF OTHER REAL ESTATE<br>PROPERTY  |                 | 2         |       | 2             |
| LESSORS OF RESIDENTIAL BUILDINGS<br>AND DWELLINGS                                 | 22              | 27        |       | 49            |
| LESSORS OF RESIDENTIAL BUILDINGS<br>AND DWELLINGS (PT)                            | 6               | 2         |       | 8             |
| LIBRARIES AND ARCHIVES  |                 | 13        |       | 13            |
| LIMITED-SERVICE EATING PLACES   | 7               | 1         |       | 8             |
| LIMITED-SERVICE RESTAURANTS   | 158             | 169       |       | 327           |
| LIMOUSINE SERVICE   |                 | 2         |       | 2             |
| LINEN SUPPLY (PT)   | 7               | 3         |       | 10            |
| LIQUEFIED PETROLEUM GAS (BOTTLED<br>GAS) DEALERS (PT)                             | 2               |           |       | 2             |
| LIVESTOCK MERCHANT WHOLESALERS  | 18              | 34        |       | 52            |
| LIVESTOCK WHOLESALERS   | 2               | 1         |       | 3             |
| LOCAL MESSENGERS AND LOCAL<br>DELIVERY  |                 | 1         |       | 1             |
| LOCKSMITHS  |                 | 1         |       | 1             |
| LUMBER, PLYWOOD, MILLWORK, AND<br>WOOD PANEL MERCHANT<br>WHOLESALERS              | 8               | 3         |       | 11            |

Source: Kansas Division of Workers Compensation

**Table 2-21 continued**  
**NAICS Code Reported in Occupational Injuries & Illnesses**  
**by Severity FY 2008**

| NAICS   | No Time<br>Lost | Time Lost | Fatal | Total Inj/III |
|---|-----------------|-----------|-------|---------------|
| LUMBER, PLYWOOD, MILLWORK, AND<br>WOOD PANEL WHOLESALERS                        | 2               | 6         |       | 8             |
| MACHINE SHOPS   | 16              | 73        |       | 89            |
| MACHINE TOOL (METAL CUTTING<br>TYPES) MANUFACTURING                             |                 | 5         |       | 5             |
| MACHINE TOOL (METAL FORMING<br>TYPES) MANUFACTURING                             |                 | 19        |       | 19            |
| MANAGEMENT CONSULTING SERVICES  | 5               | 1         |       | 6             |
| MANIFOLD BUSINESS FORMS PRINTING<br>(PT)  |                 |           |       |               |
| MANUFACTURED HOME (MOBILE HOME)<br>MANUFACTURING                                | 19              | 13        |       | 32            |
| MANUFACTURING AND INDUSTRIAL<br>BUILDING CONSTRUCTION (PT)                      |                 | 4         |       | 4             |
| MARKETING CONSULTING SERVICES   | 1               | 2         |       | 3             |
| MARKETING RESEARCH AND PUBLIC<br>OPINION POLLING                                |                 | 1         |       | 1             |
| MASONRY CONTRACTORS   | 1               |           |       | 1             |
| MATERIAL HANDLING EQUIPMENT<br>MANUFACTURING                                    |                 | 1         |       | 1             |
| MATERIALS RECOVERY FACILITIES   |                 | 3         |       | 3             |
| MEAT AND MEAT PRODUCT MERCHANT<br>WHOLESALERS                                   | 7               | 8         |       | 15            |
| MEAT AND MEAT PRODUCT<br>WHOLESALERS  |                 | 2         |       | 2             |
| MEAT MARKETS  |                 | 3         |       | 3             |
| MEAT MARKETS (PT)   |                 | 2         |       | 2             |
| MEAT PROCESSED FROM CARCASSES<br>(PT)   | 39              | 50        |       | 89            |
| MEDIA REPRESENTATIVES   |                 | 1         |       | 1             |
| MEDICAL AND DIAGNOSTIC<br>LABORATORIES  | 2               | 1         |       | 3             |
| MEDICAL EQUIPMENT AND SUPPLIES<br>MANUFACTURING                                 | 2               |           |       | 2             |
| MEDICAL LABORATORIES  | 70              | 16        |       | 86            |
| MEDICAL, DENTAL, AND HOSPITAL<br>EQUIPMENT AND SUPPLIES MERCHANT<br>WHOLESALERS | 4               | 5         |       | 9             |
| MEDICAL, DENTAL, AND HOSPITAL<br>EQUIPMENT AND SUPPLIES<br>WHOLESALERS          | 1               |           |       | 1             |
| MEN'S AND BOYS' CLOTHING AND<br>FURNISHINGS MERCHANT<br>WHOLESALERS             | 2               | 2         |       | 4             |

Source: Kansas Division of Workers Compensation

**Table 2-21 continued**  
**NAICS Code Reported in Occupational Injuries & Illnesses**  
**by Severity FY 2008**

| NAICS  | No Time<br>Lost | Time Lost | Fatal | Total Inj/Ill |
|--|-----------------|-----------|-------|---------------|
| MEN'S AND BOYS' CUT AND SEW<br>APPAREL CONTRACTORS (PT)  | 2               | 32        |       | 34            |
| MEN'S AND BOYS' CUT AND SEW OTHER<br>OUTERWEAR MANUFACTURING (PT)                                    |                 | 4         |       | 4             |
| MEN'S CLOTHING STORES  | 2               |           |       | 2             |
| METAL COATING, ENGRAVING (EXCEPT<br>JEWELRY AND SILVERWARE), AND<br>ALLIED SERVICES TO MANUFACTURERS | 2               | 11        |       | 13            |
| METAL HOUSEHOLD FURNITURE<br>MANUFACTURING   | 2               | 1         |       | 3             |
| METAL SERVICE CENTERS AND OTHER<br>METAL MERCHANT WHOLESALERS  | 14              | 28        |       | 42            |
| METAL STAMPING   |                 | 11        |       | 11            |
| METAL TANK (HEAVY GAUGE)<br>MANUFACTURING  | 3               | 45        |       | 48            |
| METAL VALVE MANUFACTURING  |                 | 2         |       | 2             |
| METAL WINDOW AND DOOR<br>MANUFACTURING (PT)  | 91              | 4         |       | 95            |
| MINERAL WOOL MANUFACTURING   |                 | 1         |       | 1             |
| MISCELLANEOUS INTERMEDIATION   |                 | 6         |       | 6             |
| MONETARY AUTHORITIES - CENTRAL<br>BANK   |                 | 7         |       | 7             |
| MOTION PICTURE THEATERS, EXCEPT<br>DRIVE-IN  | 18              |           |       | 18            |
| MOTOR VEHICLE AIR-CONDITIONING<br>MANUFACTURING  | 43              |           |       | 43            |
| MOTOR VEHICLE BODY AND TRAILER<br>MANUFACTURING  | 25              | 149       |       | 174           |
| MOTOR VEHICLE BODY MANUFACTURING<br>(PT)   | 13              | 29        |       | 42            |
| MOTOR VEHICLE METAL STAMPING   |                 | 2         |       | 2             |
| MOTOR VEHICLE PARTS (USED)<br>MERCHANT WHOLESALERS   | 5               | 1         |       | 6             |
| MOTOR VEHICLE SEATING AND INTERIOR<br>TRIM MANUFACTURING   | 2               | 1         |       | 3             |
| MOTOR VEHICLE SUPPLIES AND NEW<br>PARTS MERCHANT WHOLESALERS   | 20              | 40        |       | 60            |
| MOTOR VEHICLE TOWING   |                 | 2         |       | 2             |
| MOTORCYCLE DEALERS   | 1               | 4         |       | 5             |
| MOTORCYCLE, BICYCLE, AND PARTS<br>MANUFACTURING (PT)   |                 | 1         |       | 1             |
| MOTORCYCLE, BOAT, AND OTHER<br>MOTOR VEHICLE DEALERS   |                 | 2         |       | 2             |

Source: Kansas Division of Workers Compensation



**Table 2-21 continued**  
**NAICS Code Reported in Occupational Injuries & Illnesses**  
**by Severity FY 2008**

| NAICS  | No Time<br>Lost | Time Lost | Fatal | Total Inj/III |
|--|-----------------|-----------|-------|---------------|
| MULTIFAMILY HOUSING<br>CONSTRUCTION (EXCEPT OPERATIVE<br>BUILDERS)                   | 2               | 7         |       | 9             |
| MUSEUMS  | 1               | 1         |       | 2             |
| MUSICAL INSTRUMENT<br>MANUFACTURING  | 1               |           |       | 1             |
| MUSICAL INSTRUMENT AND SUPPLIES<br>STORES  | 2               |           |       | 2             |
| NATURAL GAS DISTRIBUTION   | 21              |           |       | 21            |
| NAVIGATIONAL, MEASURING,<br>ELECTROMEDICAL, AND CONTROL<br>INSTRUMENTS MANUFACTURING | 1               |           |       | 1             |
| NEW CAR DEALERS  | 59              | 116       |       | 175           |
| NEW SINGLE-FAMILY HOUSING<br>CONSTRUCTION (EXCEPT OPERATIVE<br>BUILDERS)             | 38              | 43        |       | 81            |
| NEWSPAPER PUBLISHERS   | 32              | 5         |       | 37            |
| NITROGENOUS FERTILIZER<br>MANUFACTURING  | 1               | 1         |       | 2             |
| NONRESIDENTIAL DRYWALL AND<br>INSULATION CONTRACTORS                                 | 8               | 11        |       | 19            |
| NONRESIDENTIAL ELECTRICAL<br>CONTRACTORS   | 41              | 26        |       | 67            |
| NONRESIDENTIAL FINISH CARPENTRY<br>CONTRACTORS                                       | 1               |           |       | 1             |
| NONRESIDENTIAL GLASS AND GLAZING<br>CONTRACTORS                                      | 17              | 3         |       | 20            |
| NONRESIDENTIAL MASONRY<br>CONTRACTORS  | 5               | 6         | 1     | 12            |
| NONRESIDENTIAL PAINTING AND WALL<br>COVERING CONTRACTORS                             | 3               | 1         |       | 4             |
| NONRESIDENTIAL PLUMBING, HEATING,<br>AND AIR-CONDITIONING CONTRACTORS                | 25              | 30        |       | 55            |
| NONRESIDENTIAL POURED CONCRETE<br>FOUNDATION AND STRUCTURE<br>CONTRACTORS            | 9               | 8         |       | 17            |
| NONRESIDENTIAL PROPERTY<br>MANAGERS  | 23              | 29        |       | 52            |
| NONRESIDENTIAL ROOFING<br>CONTRACTORS  | 4               | 3         |       | 7             |
| NONRESIDENTIAL SIDING<br>CONTRACTORS   | 1               |           |       | 1             |

Source: Kansas Division of Workers Compensation

**Table 2-21 continued**  
**NAICS Code Reported in Occupational Injuries & Illnesses**  
**by Severity FY 2008**

| NAICS  | No Time<br>Lost | Time Lost | Fatal | Total Inj/III |
|--|-----------------|-----------|-------|---------------|
| NONRESIDENTIAL SITE PREPARATION<br>CONTRACTORS                         | 9               | 13        |       | 22            |
| NONRESIDENTIAL STRUCTURAL STEEL<br>AND PRECAST CONCRETE<br>CONTRACTORS | 14              | 4         |       | 18            |
| NONRESIDENTIAL TILE AND TERRAZZO<br>CONTRACTORS                        | 1               | 1         |       | 2             |
| NONSCHEDULED CHARTERED FREIGHT<br>AIR TRANSPORTATION                   |                 | 1         |       | 1             |
| NONSCHEDULED CHARTERED<br>PASSENGER AIR TRANSPORTATION                 | 1               |           |       | 1             |
| NONUPHOLSTERED WOOD<br>HOUSEHOLD FURNITURE<br>MANUFACTURING (PT)       | 1               | 1         |       | 2             |
| NUCLEAR ELECTRIC POWER<br>GENERATION (PT)                              | 27              | 23        |       | 50            |
| NURSERIES, GARDEN CENTERS, AND<br>FARM SUPPLY STORES                   | 7               | 40        |       | 47            |
| NURSERY AND GARDEN CENTERS (PT)  | 2               |           |       | 2             |
| NURSING CARE FACILITIES  | 350             | 230       | 1     | 581           |
| OFFICE ADMINISTRATIVE SERVICES   | 88              | 76        |       | 164           |
| OFFICE EQUIPMENT MERCHANT<br>WHOLESALEERS                              | 1               | 1         |       | 2             |
| OFFICE FURNITURE (EXCEPT WOOD)<br>MANUFACTURING                        |                 | 1         |       | 1             |
| OFFICE MACHINERY MANUFACTURING<br>(PT)                                 |                 | 2         |       | 2             |
| OFFICE SUPPLIES AND STATIONERY<br>STORES                               | 2               | 3         |       | 5             |
| OFFICES OF ALL OTHER<br>MISCELLANEOUS HEALTH<br>PRACTITIONERS          | 52              | 3         |       | 55            |
| OFFICES OF BANK HOLDING<br>COMPANIES                                   |                 | 5         |       | 5             |
| OFFICES OF CERTIFIED PUBLIC<br>ACCOUNTANTS                             | 4               |           |       | 4             |
| OFFICES OF DENTISTS  | 30              | 9         |       | 39            |
| OFFICES OF LAWYERS   | 16              | 7         |       | 23            |
| OFFICES OF MENTAL HEALTH<br>PRACTITIONERS (EXCEPT PHYSICIANS)          |                 | 2         |       | 2             |
| OFFICES OF OPTOMETRISTS  | 2               | 6         |       | 8             |
| OFFICES OF OTHER HOLDING<br>COMPANIES                                  |                 | 4         |       | 4             |

Source: Kansas Division of Workers Compensation

**Table 2-21 continued**  
**NAICS Code Reported in Occupational Injuries & Illnesses**  
**by Severity FY 2008**

| NAICS   | No Time<br>Lost | Time Lost | Fatal | Total Inj/III |
|---|-----------------|-----------|-------|---------------|
| OFFICES OF PHYSICAL, OCCUPATIONAL<br>AND SPEECH THERAPISTS, AND<br>AUDIOLOGISTS | 6               | 1         |       | 7             |
| OFFICES OF PHYSICIANS   | 3               | 1         |       | 4             |
| OFFICES OF PHYSICIANS (EXCEPT<br>MENTAL HEALTH SPECIALISTS) (PT)                | 73              | 158       |       | 231           |
| OFFICES OF PHYSICIANS, MENTAL<br>HEALTH SPECIALISTS (PT)                        | 1               | 17        |       | 18            |
| OFFICES OF PODIATRISTS  | 2               |           |       | 2             |
| OFFICES OF REAL ESTATE AGENTS<br>AND BROKERS                                    | 3               |           |       | 3             |
| OIL AND GAS EXTRACTION  | 8               | 4         |       | 12            |
| OIL AND GAS FIELD MACHINERY AND<br>EQUIPMENT MANUFACTURING                      |                 | 4         |       | 4             |
| OIL AND GAS PIPELINE AND RELATED<br>STRUCTURES CONSTRUCTION                     | 16              | 44        | 1     | 61            |
| OILSEED AND GRAIN COMBINATION<br>FARMING  | 1               |           |       | 1             |
| OPHTHALMIC GOODS MANUFACTURING<br>(PT)  | 1               |           |       | 1             |
| ORNAMENTAL AND ARCHITECTURAL<br>METAL PRODUCTS MANUFACTURING                    | 2               |           |       | 2             |
| ORNAMENTAL AND ARCHITECTURAL<br>METAL WORK MANUFACTURING (PT)                   | 21              | 3         |       | 24            |
| OTHER ACCOUNTING SERVICES   | 7               | 5         |       | 12            |
| OTHER AIRCRAFT PARTS AND<br>AUXILIARY EQUIPMENT<br>MANUFACTURING                | 44              | 99        |       | 143           |
| OTHER AIRPORT OPERATIONS (PT)   | 4               | 9         |       | 13            |
| OTHER ALUMINUM ROLLING AND<br>DRAWING (PT)                                      | 1               | 1         |       | 2             |
| OTHER ANIMAL FOOD MANUFACTURING<br>(PT)   | 8               | 7         |       | 15            |
| OTHER AUTOMOTIVE MECHANICAL AND<br>ELECTRICAL REPAIR AND<br>MAINTENANCE         | 1               | 4         |       | 5             |
| OTHER BUILDING FINISHING<br>CONTRACTORS   | 1               | 1         |       | 2             |
| OTHER BUILDING MATERIAL DEALERS   | 21              | 37        |       | 58            |
| OTHER BUSINESS SERVICE CENTERS<br>(INCLUDING COPY SHOPS)                        | 251             | 155       |       | 406           |
| OTHER CHEMICAL AND ALLIED<br>PRODUCTS MERCHANT WHOLESALERS                      | 9               | 3         |       | 12            |

Source: Kansas Division of Workers Compensation

**Table 2-21 continued**  
**NAICS Code Reported in Occupational Injuries & Illnesses**  
**by Severity FY 2008**

| NAICS   | No Time<br>Lost | Time Lost | Fatal | Total Inj/III |
|---|-----------------|-----------|-------|---------------|
| OTHER CHEMICAL AND FERTILIZER<br>MINERAL MINING                                       | 1               | 1         |       | 2             |
| OTHER CLOTHING STORES   | 8               | 2         |       | 10            |
| OTHER COMMERCIAL AND INDUSTRIAL<br>MACHINERY AND EQUIPMENT RENTAL<br>AND LEASING      | 5               |           |       | 5             |
| OTHER COMMERCIAL AND INDUSTRIAL<br>MACHINERY AND EQUIPMENT RENTAL<br>AND LEASING (PT) |                 | 2         |       | 2             |
| OTHER COMMERCIAL AND SERVICE<br>INDUSTRY MACHINERY<br>MANUFACTURING (PT)              | 4               | 1         |       | 5             |
| OTHER COMMERCIAL EQUIPMENT<br>MERCHANT WHOLESALERS                                    |                 | 1         |       | 1             |
| OTHER COMMERCIAL PRINTING (PT)  | 5               | 32        |       | 37            |
| OTHER COMMUNICATIONS EQUIPMENT<br>MANUFACTURING                                       |                 | 1         |       | 1             |
| OTHER COMMUNITY HOUSING<br>SERVICES   | 2               | 3         |       | 5             |
| OTHER COMPUTER RELATED SERVICES   |                 | 9         |       | 9             |
| OTHER CONCRETE PRODUCT<br>MANUFACTURING   | 17              | 18        |       | 35            |
| OTHER CONSTRUCTION MATERIAL<br>MERCHANT WHOLESALERS                                   |                 | 11        |       | 11            |
| OTHER DIRECT INSURANCE (EXCEPT<br>LIFE, HEALTH, AND MEDICAL) CARRIERS                 | 5               | 1         |       | 6             |
| OTHER DIRECT SELLING<br>ESTABLISHMENTS  | 55              | 7         |       | 62            |
| OTHER ELECTRIC POWER GENERATION<br>(PT)   |                 | 2         |       | 2             |
| OTHER ELECTRONIC AND PRECISION<br>EQUIPMENT REPAIR AND<br>MAINTENANCE (PT)            | 1               | 1         |       | 2             |
| OTHER ELECTRONIC COMPONENT<br>MANUFACTURING   |                 | 26        |       | 26            |
| OTHER ELECTRONIC PARTS AND<br>EQUIPMENT MERCHANT WHOLESALERS                          | 2               | 2         |       | 4             |
| OTHER ENGINE EQUIPMENT<br>MANUFACTURING (PT)  | 15              | 3         |       | 18            |
| OTHER FABRICATED WIRE PRODUCT<br>MANUFACTURING (PT)                                   | 38              |           |       | 38            |
| OTHER FARM PRODUCT RAW MATERIAL<br>MERCHANT WHOLESALERS                               | 1               | 1         |       | 2             |

Source: Kansas Division of Workers Compensation

**Table 2-21 continued**  
**NAICS Code Reported in Occupational Injuries & Illnesses**  
**by Severity FY 2008**

| NAICS   | No Time<br>Lost | Time Lost | Fatal | Total Inj/III |
|---|-----------------|-----------|-------|---------------|
| OTHER FOOD CROPS GROWN UNDER COVER  | 1               |           |       | 1             |
| OTHER GASOLINE STATIONS   | 10              | 2         |       | 12            |
| OTHER GENERAL GOVERNMENT SUPPORT  | 3,702           | 837       | 4     | 4,543         |
| OTHER GROCERY AND RELATED PRODUCTS MERCHANT WHOLESALERS                       | 19              | 16        |       | 35            |
| OTHER HEAVY AND CIVIL ENGINEERING CONSTRUCTION                                | 29              | 6         |       | 35            |
| OTHER HOSIERY AND SOCK MILLS  |                 | 10        |       | 10            |
| OTHER INDIVIDUAL AND FAMILY SERVICES  | 18              | 74        |       | 92            |
| OTHER INDUSTRIAL MACHINERY MANUFACTURING                                      | 1               |           |       | 1             |
| OTHER MANAGEMENT CONSULTING SERVICES  | 15              | 54        |       | 69            |
| OTHER MEASURING AND CONTROLLING DEVICE MANUFACTURING                          |                 | 1         |       | 1             |
| OTHER METAL CONTAINER MANUFACTURING (PT)                                      | 40              | 72        |       | 112           |
| OTHER METALWORKING MACHINERY MANUFACTURING                                    |                 | 29        |       | 29            |
| OTHER MILLWORK (INCLUDING FLOORING) (PT)                                      | 2               | 1         |       | 3             |
| OTHER MISCELLANEOUS DURABLE GOODS MERCHANT WHOLESALERS                        | 1               | 5         |       | 6             |
| OTHER MISCELLANEOUS DURABLE GOODS WHOLESALERS (PT)                            | 1               |           |       | 1             |
| OTHER MISCELLANEOUS NONDURABLE GOODS MERCHANT WHOLESALERS                     | 11              | 1         |       | 12            |
| OTHER MOTOR VEHICLE ELECTRICAL AND ELECTRONIC EQUIPMENT MANUFACTURING (PT)    |                 | 17        |       | 17            |
| OTHER NONHAZARDOUS WASTE TREATMENT AND DISPOSAL                               |                 | 5         |       | 5             |
| OTHER NONRESIDENTIAL BUILDING EQUIPMENT CONTRACTORS                           | 12              | 15        |       | 27            |
| OTHER NONRESIDENTIAL BUILDING FINISHING CONTRACTORS                           | 1               |           |       | 1             |
| OTHER NONRESIDENTIAL FOUNDATION, STRUCTURE, AND BUILDING EXTERIOR CONTRACTORS | 2               |           |       | 2             |
| OTHER NONSCHEDULED AIR TRANSPORTATION   |                 | 4         |       | 4             |

Source: Kansas Division of Workers Compensation

**Table 2-21 continued**  
**NAICS Code Reported in Occupational Injuries & Illnesses**  
**by Severity FY 2008**

| NAICS  | No Time<br>Lost | Time Lost | Fatal | Total Inj/III |
|--|-----------------|-----------|-------|---------------|
| OTHER PERFORMING ARTS COMPANIES  |                 | 3         |       | 3             |
| OTHER PERSONAL CARE SERVICES   |                 | 2         |       | 2             |
| OTHER PLASTICS PRODUCT<br>MANUFACTURING  |                 | 2         |       | 2             |
| OTHER RESIDENTIAL BUILDING<br>EQUIPMENT CONTRACTORS  | 5               |           |       | 5             |
| OTHER RESIDENTIAL BUILDING<br>FINISHING CONTRACTORS  | 5               | 10        |       | 15            |
| OTHER RESIDENTIAL CARE FACILITIES  | 26              | 13        |       | 39            |
| OTHER SCIENTIFIC AND TECHNICAL<br>CONSULTING SERVICES  | 2               | 1         |       | 3             |
| OTHER SERVICES RELATED TO<br>ADVERTISING   | 2               | 2         |       | 4             |
| OTHER SERVICES TO BUILDINGS AND<br>DWELLINGS   | 5               | 6         |       | 11            |
| OTHER SIMILAR ORGANIZATIONS<br>(EXCEPT BUSINESS, PROFESSIONAL,<br>LABOR, AND POLITICAL<br>ORGANIZATIONS) | 7               | 9         |       | 16            |
| OTHER SOCIAL ADVOCACY<br>ORGANIZATIONS   | 1               | 2         |       | 3             |
| OTHER SOUND RECORDING<br>INDUSTRIES  |                 | 1         |       | 1             |
| OTHER SPECTATOR SPORTS (PT)  | 1               | 1         |       | 2             |
| OTHER SUPPORT ACTIVITIES FOR AIR<br>TRANSPORTATION   | 1               | 1         |       | 2             |
| OTHER SUPPORT ACTIVITIES FOR<br>ROAD TRANSPORTATION  | 2               | 4         |       | 6             |
| OTHER TECHNICAL AND TRADE<br>SCHOOLS (PT)  |                 | 1         |       | 1             |
| OTHER TELECOMMUNICATIONS   |                 | 17        |       | 17            |
| OTHER TRAVEL ARRANGEMENT AND<br>RESERVATION SERVICES   | 17              | 3         |       | 20            |
| OTHER VEGETABLE (EXCEPT POTATO)<br>AND MELON FARMING (PT)  | 2               | 8         |       | 10            |
| OTHER WAREHOUSING AND STORAGE  |                 | 2         |       | 2             |
| OTHER WASTE COLLECTION   | 23              | 4         |       | 27            |
| OUTDOOR POWER EQUIPMENT STORES   | 3               |           |       | 3             |
| OUTDOOR POWER EQUIPMENT STORES<br>(PT)   | 1               |           |       | 1             |
| OUTPATIENT MENTAL HEALTH AND<br>SUBSTANCE ABUSE CENTERS  | 10              | 22        |       | 32            |

Source: Kansas Division of Workers Compensation

**Table 2-21 continued**  
**NAICS Code Reported in Occupational Injuries & Illnesses**  
**by Severity FY 2008**

| NAICS  | No Time<br>Lost | Time Lost | Fatal | Total Inj/III |
|--|-----------------|-----------|-------|---------------|
| PACKAGED FROZEN FOOD MERCHANT<br>WHOLESALEERS  |                 | 2         |       | 2             |
| PACKAGING AND LABELING SERVICES  | 3               | 1         |       | 4             |
| PAINT AND WALLPAPER STORES   |                 | 3         |       | 3             |
| PAINTING AND WALL COVERING<br>CONTRACTORS  | 5               |           |       | 5             |
| PAINTING AND WALL COVERING<br>CONTRACTORS (PT)   | 1               |           |       | 1             |
| PAPER INDUSTRY MACHINERY<br>MANUFACTURING  |                 | 1         |       | 1             |
| PAPERBOARD CONTAINER<br>MANUFACTURING  | 8               | 1         |       | 9             |
| PAYROLL SERVICES (PT)  | 3               | 5         |       | 8             |
| PEN AND MECHANICAL PENCIL<br>MANUFACTURING   |                 | 2         |       | 2             |
| PENSION FUNDS  |                 | 1         |       | 1             |
| PERIODICAL PUBLISHERS  | 2               |           |       | 2             |
| PESTICIDE AND OTHER AGRICULTURAL<br>CHEMICAL MANUFACTURING   | 2               |           |       | 2             |
| PET AND PET SUPPLIES STORES  | 7               | 4         |       | 11            |
| PET CARE (EXCEPT VETERINARY)<br>SERVICES   | 7               | 4         |       | 11            |
| PETROLEUM AND PETROLEUM<br>PRODUCTS MERCHANT WHOLESALEERS<br>(EXCEPT BULK STATIONS AND<br>TERMINALS) | 4               | 2         |       | 6             |
| PETROLEUM AND PETROLEUM<br>PRODUCTS WHOLESALEERS (EXCEPT<br>BULK STATIONS AND TERMINALS)             |                 | 1         |       | 1             |
| PETROLEUM BULK STATIONS AND<br>TERMINALS   | 2               |           |       | 2             |
| PETROLEUM LUBRICATING OIL AND<br>GREASE MANUFACTURING  |                 | 7         |       | 7             |
| PETROLEUM REFINERIES   | 9               | 8         |       | 17            |
| PHARMACEUTICAL AND MEDICINE<br>MANUFACTURING   | 1               |           |       | 1             |
| PHARMACEUTICAL PREPARATION<br>MANUFACTURING (PT)   |                 | 2         |       | 2             |
| PHARMACIES AND DRUG STORES   | 11              | 8         |       | 19            |
| PHOTOGRAPHIC AND PHOTOCOPYING<br>EQUIPMENT MANUFACTURING   | 1               |           |       | 1             |
| PHOTOGRAPHIC STUDIOS, PORTRAIT   | 3               | 32        |       | 35            |

Source: Kansas Division of Workers Compensation

**Table 2-21 continued**  
**NAICS Code Reported in Occupational Injuries & Illnesses**  
**by Severity FY 2008**

| NAICS  | No Time<br>Lost | Time Lost | Fatal | Total Inj/Ill |
|--|-----------------|-----------|-------|---------------|
| PIPELINE TRANSPORTATION OF CRUDE OIL   |                 | 4         |       | 4             |
| PLASTICS BOTTLE MANUFACTURING  |                 | 1         |       | 1             |
| PLASTICS MATERIAL AND RESIN MANUFACTURING                                    | 3               | 26        |       | 29            |
| PLASTICS MATERIALS AND BASIC FORMS AND SHAPES MERCHANT WHOLESALERS           |                 | 7         |       | 7             |
| PLASTICS PIPE AND PIPE FITTING MANUFACTURING (PT)                            | 58              | 6         |       | 64            |
| PLASTICS PIPE, PIPE FITTING, AND UNLAMINATED PROFILE SHAPE MANUFACTURING     | 1               |           |       | 1             |
| PLASTICS, FOIL, AND COATED PAPER BAG MANUFACTURING                           | 3               | 9         |       | 12            |
| PLUMBING AND HEATING EQUIPMENT AND SUPPLIES (HYDRONICS) MERCHANT WHOLESALERS | 7               | 5         |       | 12            |
| PLUMBING, HEATING, AND AIR-CONDITIONING CONTRACTORS                          | 11              | 7         |       | 18            |
| PLUMBING, HEATING, AND AIR-CONDITIONING CONTRACTORS (PT)                     | 14              | 7         |       | 21            |
| POLYSTYRENE FOAM PRODUCT MANUFACTURING                                       | 1               | 11        |       | 12            |
| POSTHARVEST CROP ACTIVITIES (EXCEPT COTTON GINNING)                          |                 | 2         |       | 2             |
| POTATO FARMING   |                 | 1         |       | 1             |
| POULTRY PROCESSING   | 6               |           |       | 6             |
| POWER AND COMMUNICATION LINE AND RELATED STRUCTURES CONSTRUCTION             | 11              | 10        |       | 21            |
| POWER BOILER AND HEAT EXCHANGER MANUFACTURING                                |                 | 12        |       | 12            |
| PRECISION TURNED PRODUCT MANUFACTURING                                       | 4               | 2         |       | 6             |
| PREFABRICATED METAL BUILDING AND COMPONENT MANUFACTURING                     |                 | 1         |       | 1             |
| PREFABRICATED WOOD BUILDING MANUFACTURING                                    | 3               | 27        |       | 30            |
| PRERECORDED TAPE, COMPACT DISC, AND RECORD STORES                            | 2               |           |       | 2             |
| PRINTED CIRCUIT ASSEMBLY (ELECTRONIC ASSEMBLY) MANUFACTURING (PT)            |                 | 3         |       | 3             |

Source: Kansas Division of Workers Compensation



**Table 2-21 continued**  
**NAICS Code Reported in Occupational Injuries & Illnesses**  
**by Severity FY 2008**

| NAICS  | No Time<br>Lost | Time Lost | Fatal | Total Inj/III |
|--|-----------------|-----------|-------|---------------|
| PRINTING   |                 | 1         |       | 1             |
| PRINTING AND WRITING PAPER<br>MERCHANT WHOLESALERS   |                 | 3         |       | 3             |
| PRINTING INK MANUFACTURING   |                 | 8         |       | 8             |
| PRIVATE HOUSEHOLDS   | 1               | 2         |       | 3             |
| PRIVATE MAIL CENTERS   |                 | 3         |       | 3             |
| PROCESS, PHYSICAL DISTRIBUTION,<br>AND LOGISTICS CONSULTING<br>SERVICES (PT)                   |                 | 1         |       | 1             |
| PROFESSIONAL AND MANAGEMENT<br>DEVELOPMENT TRAINING  | 2               |           |       | 2             |
| PROFESSIONAL EMPLOYER<br>ORGANIZATIONS   | 4               | 6         |       | 10            |
| PSYCHIATRIC AND SUBSTANCE ABUSE<br>HOSPITALS   |                 | 46        |       | 46            |
| PUBLIC RELATIONS AGENCIES  |                 | 1         |       | 1             |
| PUMP AND COMPRESSOR<br>MANUFACTURING   |                 | 1         |       | 1             |
| PUMP AND PUMPING EQUIPMENT<br>MANUFACTURING (PT)   | 11              | 34        |       | 45            |
| QUICK PRINTING (PT)  | 2               | 7         |       | 9             |
| RACETRACKS   | 1               |           |       | 1             |
| RADIO AND TELEVISION<br>BROADCASTING AND WIRELESS<br>COMMUNICATIONS EQUIPMENT<br>MANUFACTURING | 1               | 14        |       | 15            |
| RADIO STATIONS   | 6               | 2         |       | 8             |
| RADIO, TELEVISION, AND OTHER<br>ELECTRONICS STORES (PT)  | 1               | 3         |       | 4             |
| RAIL TRANSPORTATION  | 2               |           |       | 2             |
| RAILROAD ROLLING STOCK<br>MANUFACTURING  | 20              | 4         |       | 24            |
| READY-MIX CONCRETE<br>MANUFACTURING  | 9               | 74        |       | 83            |
| REAL ESTATE CREDIT   | 2               |           |       | 2             |
| REAL ESTATE PROPERTY MANAGERS  | 5               | 1         |       | 6             |
| RECREATIONAL VEHICLE DEALERS   | 1               | 2         |       | 3             |
| RECYCLABLE MATERIAL MERCHANT<br>WHOLESALERS  | 6               | 39        |       | 45            |
| REFRIGERATED WAREHOUSING AND<br>STORAGE  | 11              | 1         |       | 12            |
| REFRIGERATIONEQUIPMENT AND<br>SUPPLIES MERCHANT WHOLESALERS                                    |                 | 8         |       | 8             |

Source: Kansas Division of Workers Compensation

**Table 2-21 continued**  
**NAICS Code Reported in Occupational Injuries & Illnesses**  
**by Severity FY 2008**

| NAICS  | No Time<br>Lost | Time Lost | Fatal | Total Inj/III |
|--|-----------------|-----------|-------|---------------|
| REGULATION OF AGRICULTURAL<br>MARKETING AND COMMODITIES                        | 1               |           |       | 1             |
| REINSURANCE CARRIERS   | 1               |           |       | 1             |
| RELIGIOUS ORGANIZATIONS  | 8               | 102       |       | 110           |
| RENDERING AND MEAT BYPRODUCT<br>PROCESSING                                     | 10              | 2         |       | 12            |
| REPOSSESSION SERVICES (PT)   |                 | 1         |       | 1             |
| RESEARCH AND DEVELOPMENT IN THE<br>PHYSICAL, ENGINEERING, AND LIFE<br>SCIENCES | 1               | 1         |       | 2             |
| RESEARCH AND DEVELOPMENT IN THE<br>SOCIAL SCIENCES AND HUMANITIES              |                 | 1         |       | 1             |
| RESIDENTIAL BUILDING<br>CONSTRUCTION   | 4               | 6         |       | 10            |
| RESIDENTIAL DRYWALL AND<br>INSULATION CONTRACTORS                              | 18              | 11        |       | 29            |
| RESIDENTIAL ELECTRIC LIGHTING<br>FIXTURE MANUFACTURING (PT)                    | 65              | 7         |       | 72            |
| RESIDENTIAL ELECTRICAL<br>CONTRACTORS  | 21              | 17        |       | 38            |
| RESIDENTIAL FINISH CARPENTRY<br>CONTRACTORS                                    | 14              | 6         |       | 20            |
| RESIDENTIAL FLOORING<br>CONTRACTORS  | 6               | 1         |       | 7             |
| RESIDENTIAL FRAMING CONTRACTORS  | 8               | 18        |       | 26            |
| RESIDENTIAL MASONRY<br>CONTRACTORS   | 10              | 10        |       | 20            |
| RESIDENTIAL MENTAL HEALTH AND<br>SUBSTANCE ABUSE FACILITIES                    | 20              | 6         |       | 26            |
| RESIDENTIAL MENTAL RETARDATION<br>FACILITIES                                   | 3               | 103       |       | 106           |
| RESIDENTIAL PAINTING AND WALL<br>COVERING CONTRACTORS                          | 3               | 5         |       | 8             |
| RESIDENTIAL PLUMBING, HEATING, AND<br>AIR-CONDITIONING CONTRACTORS             | 39              | 27        |       | 66            |
| RESIDENTIAL POURED CONCRETE<br>FOUNDATION AND STRUCTURE<br>CONTRACTORS         | 11              | 13        | 1     | 25            |
| RESIDENTIAL PROPERTY MANAGERS  | 30              | 6         |       | 36            |
| RESIDENTIAL REMODELERS   | 54              | 39        |       | 93            |
| RESIDENTIAL ROOFING CONTRACTORS  | 3               | 5         |       | 8             |
| RESIDENTIAL SIDING CONTRACTORS   | 1               | 5         |       | 6             |
| RESIDENTIAL SITE PREPARATION<br>CONTRACTORS                                    | 9               | 6         |       | 15            |

Source: Kansas Division of Workers Compensation

**Table 2-21 continued**  
**NAICS Code Reported in Occupational Injuries & Illnesses**  
**by Severity FY 2008**

| NAICS  | No Time<br>Lost | Time Lost | Fatal | Total Inj/III |
|--|-----------------|-----------|-------|---------------|
| RESIDENTIAL STRUCTURAL STEEL AND<br>PRECAST CONCRETE CONTRACTORS   |                 | 3         |       | 3             |
| RESIDENTIAL TILE AND TERRAZZO<br>CONTRACTORS   | 1               |           |       | 1             |
| RETAIL BAKERIES  | 1               | 5         |       | 6             |
| REUPHOLSTERY AND FURNITURE<br>REPAIR   | 9               | 6         |       | 15            |
| ROOFING CONTRACTORS  | 6               | 4         |       | 10            |
| ROOFING, SIDING, AND INSULATION<br>MATERIAL MERCHANT WHOLESALERS   | 7               | 2         |       | 9             |
| ROOFING, SIDING, AND INSULATION<br>MATERIAL WHOLESALERS  | 1               |           |       | 1             |
| ROOFING, SIDING, AND SHEET METAL<br>CONTRACTORS  | 6               | 1         |       | 7             |
| ROPE, CORDAGE AND TWINE MILLS  | 4               | 1         |       | 5             |
| RUBBER AND PLASTICS HOSES AND<br>BELTING MANUFACTURING   | 9               | 16        |       | 25            |
| RUBBER PRODUCT MANUFACTURING<br>FOR MECHANICAL USE   | 2               | 1         |       | 3             |
| RV (RECREATIONAL VEHICLE PARKS)<br>AND CAMPGROUNDS   |                 | 2         |       | 2             |
| SAND, GRAVEL, CLAY, AND CERAMIC<br>AND REFRACTORY MINERALS MINING<br>AND QUARRYING                               |                 | 1         |       | 1             |
| SAVINGS INSTITUTIONS   | 2               | 1         |       | 3             |
| SAW BLADE AND HANDSAW<br>MANUFACTURING   | 8               |           |       | 8             |
| SCHEDULED PASSENGER AIR<br>TRANSPORTATION  | 9               | 5         |       | 14            |
| SCHOOL AND EMPLOYEE BUS<br>TRANSPORTATION  | 17              | 4         |       | 21            |
| SCHOOL AND EMPLOYEE BUS<br>TRANSPORTATION (PT)   |                 | 1         |       | 1             |
| SEARCH, DETECTION, NAVIGATION,<br>GUIDANCE, AERONAUTICAL, AND<br>NAUTICAL SYSTEM AND INSTRUMENT<br>MANUFACTURING | 4               | 5         |       | 9             |
| SECONDARY SMELTING, REFINING, AND<br>ALLOYING OF NONFERROUS METALS<br>(EXCEPT COPPER AND ALUMINUM) (PT)          | 3               |           |       | 3             |
| SECURITIES AND COMMODITY<br>EXCHANGES  |                 | 17        |       | 17            |
| SECURITY GUARDS AND PATROL<br>SERVICES   | 10              | 12        |       | 22            |

Source: Kansas Division of Workers Compensation

**Table 2-21 continued**  
**NAICS Code Reported in Occupational Injuries & Illnesses**  
**by Severity FY 2008**

| NAICS  | No Time<br>Lost | Time Lost | Fatal | Total Inj/III |
|--|-----------------|-----------|-------|---------------|
| SECURITY SYSTEMS SERVICES  |                 | 7         |       | 7             |
| SECURITY SYSTEMS SERVICES<br>(EXCEPT LOCKSMITHS) (PT)              | 6               | 7         |       | 13            |
| SEMICONDUCTOR AND OTHER<br>ELECTRONIC COMPONENT<br>MANUFACTURING   | 5               |           |       | 5             |
| SEPTIC TANK AND RELATED SERVICES<br>(PT)                           |                 | 2         |       | 2             |
| SERVICES FOR THE ELDERLY AND<br>PERSONS WITH DISABILITIES          | 39              | 37        |       | 76            |
| SETUP PAPERBOARD BOX<br>MANUFACTURING                              | 3               | 1         |       | 4             |
| SEWAGE TREATMENT FACILITIES  | 1               |           |       | 1             |
| SEWING, NEEDLEWORK, AND PIECE<br>GOODS STORES                      |                 | 1         |       | 1             |
| SHEET METAL WORK MANUFACTURING                                     | 5               | 32        |       | 37            |
| SHOE STORES  | 63              | 2         |       | 65            |
| SHOWCASE, PARTITION, SHELVING,<br>AND LOCKER MANUFACTURING (PT)    |                 | 34        |       | 34            |
| SIDING CONTRACTORS   | 3               | 2         |       | 5             |
| SIGN MANUFACTURING   | 6               | 14        |       | 20            |
| SITE PREPARATION CONTRACTORS                                       | 1               |           |       | 1             |
| SNACK AND NONALCOHOLIC<br>BEVERAGE BARS (PT)                       | 8               | 2         |       | 10            |
| SOAP AND OTHER DETERGENT<br>MANUFACTURING (PT)                     |                 | 2         |       | 2             |
| SOCIAL ADVOCACY ORGANIZATIONS                                      |                 | 3         |       | 3             |
| SOFT DRINK AND ICE MANUFACTURING                                   | 1               |           |       | 1             |
| SOFTDRINK MANUFACTURING  | 6               | 1         |       | 7             |
| SOFTWARE PUBLISHERS  | 2               |           |       | 2             |
| SOIL PREPARATION, PLANTING, AND<br>CULTIVATING (PT)                | 6               | 3         |       | 9             |
| SOLID WASTE COLLECTION   | 5               | 11        |       | 16            |
| SOLID WASTE LANDFILLS  | 1               | 1         |       | 2             |
| SPECIAL DIE AND TOOL, DIE SET, JIG,<br>AND FIXTURE MANUFACTURING   | 1               | 1         |       | 2             |
| SPECIAL NEEDS TRANSPORTATION                                       | 8               | 2         |       | 10            |
| SPECIALIZED FREIGHT (EXCEPT USED<br>GOODS) TRUCKING, LOCAL         | 13              | 26        |       | 39            |
| SPECIALIZED FREIGHT (EXCEPT USED<br>GOODS) TRUCKING, LOCAL (PT)    |                 | 1         |       | 1             |
| SPECIALIZED FREIGHT (EXCEPT USED<br>GOODS) TRUCKING, LONG-DISTANCE | 11              | 28        |       | 39            |

Source: Kansas Division of Workers Compensation

**Table 2-21 continued**  
**NAICS Code Reported in Occupational Injuries & Illnesses**  
**by Severity FY 2008**

| NAICS   | No Time<br>Lost | Time Lost | Fatal | Total Inj/III |
|---|-----------------|-----------|-------|---------------|
| SPECIALTY (EXCEPT PSYCHIATRIC AND<br>SUBSTANCE ABUSE) HOSPITALS       | 13              | 52        |       | 65            |
| SPICE AND EXTRACT MANUFACTURING<br>(PT)                               | 12              | 1         |       | 13            |
| SPORTING AND ATHLETIC GOODS<br>MANUFACTURING                          | 2               | 1         |       | 3             |
| SPORTING AND RECREATIONAL GOODS<br>AND SUPPLIES MERCHANT<br>WHOLESALE | 3               | 1         |       | 4             |
| SPORTING GOODS STORES   | 25              | 7         |       | 32            |
| SPORTS AND RECREATION<br>INSTRUCTION                                  |                 | 2         |       | 2             |
| SPORTS TEAMS AND CLUBS  | 1               | 19        |       | 20            |
| STATIONERY AND OFFICE SUPPLIES<br>MERCHANT WHOLESALE                  | 15              |           |       | 15            |
| STATIONERY AND OFFICE SUPPLIES<br>WHOLESALE                           | 1               |           |       | 1             |
| STEEL FOUNDRIES (EXCEPT<br>INVESTMENT)                                | 2               |           |       | 2             |
| STEEL INVESTMENT FOUNDRIES  | 1               |           |       | 1             |
| STEEL WIRE DRAWING  | 1               |           |       | 1             |
| STRUCTURAL STEEL AND PRECAST<br>CONCRETE CONTRACTORS                  |                 | 1         |       | 1             |
| STRUCTURAL STEEL ERECTION<br>CONTRACTORS                              | 7               | 2         |       | 9             |
| SUPERMARKETS AND OTHER GROCERY<br>(EXCEPT CONVENIENCE) STORES         | 12              | 65        |       | 77            |
| SUPPORT ACTIVITIES FOR ANIMAL<br>PRODUCTION                           |                 | 1         |       | 1             |
| SUPPORT ACTIVITIES FOR MINING   | 4               | 8         |       | 12            |
| SUPPORT ACTIVITIES FOR OIL AND GAS<br>FIELD OPERATIONS (PT)           | 56              | 59        |       | 115           |
| SUPPORT ACTIVITIES FOR RAIL<br>TRANSPORTATION                         | 4               | 6         |       | 10            |
| SURFACE ACTIVE AGENT<br>MANUFACTURING                                 | 2               | 6         |       | 8             |
| SURGICAL AND MEDICAL INSTRUMENT<br>MANUFACTURING (PT)                 | 3               |           |       | 3             |
| SURVEYING AND MAPPING (EXCEPT<br>GEOPHYSICAL) SERVICES                | 2               | 23        |       | 25            |
| SWITCHGEAR AND SWITCHBOARD<br>APPARATUS MANUFACTURING                 | 5               |           |       | 5             |
| TAXI SERVICE  | 1               |           |       | 1             |

Source: Kansas Division of Workers Compensation

**Table 2-21 continued**  
**NAICS Code Reported in Occupational Injuries & Illnesses**  
**by Severity FY 2008**

| NAICS   | No Time<br>Lost | Time Lost | Fatal | Total Inj/III |
|---|-----------------|-----------|-------|---------------|
| TECHNICAL AND TRADE SCHOOLS   | 1               | 6         |       | 7             |
| TELECOMMUNICATIONS RESELLERS  | 1               |           |       | 1             |
| TELEMARKETING BUREAUS   | 11              | 4         |       | 15            |
| TELEPHONE APPARATUS<br>MANUFACTURING  | 4               | 10        |       | 14            |
| TELEVISION BROADCASTING   | 5               | 1         |       | 6             |
| TEMPORARY HELP SERVICES   | 132             | 100       |       | 232           |
| TEMPORARY SHELTERS  |                 | 1         |       | 1             |
| TESTING LABORATORIES  | 1               | 1         |       | 2             |
| TEXTILE AND FABRIC FINISHING MILLS  | 1               |           |       | 1             |
| THEATER COMPANIES AND DINNER<br>THEATERS  | 5               | 6         |       | 11            |
| THIRD PARTY ADMINISTRATION OF<br>INSURANCE AND PENSION FUNDS (PT)                     | 16              | 1         |       | 17            |
| TILE AND TERRAZZO CONTRACTORS   | 1               |           |       | 1             |
| TIRE AND TUBE MERCHANT<br>WHOLESALE   | 7               | 10        |       | 17            |
| TIRE CORD AND TIRE FABRIC MILLS   |                 | 2         |       | 2             |
| TIRE DEALERS  | 14              | 33        |       | 47            |
| TIRE DEALERS (PT)   | 1               | 6         |       | 7             |
| TIRE MANUFACTURING (EXCEPT<br>RETREADING)   | 1               | 522       |       | 523           |
| TITLE ABSTRACT AND SETTLEMENT<br>OFFICES  |                 | 1         |       | 1             |
| TOBACCO AND TOBACCO PRODUCT<br>MERCHANT WHOLESALE                                     | 1               |           |       | 1             |
| TOY AND HOBBY GOODS AND SUPPLIES<br>MERCHANT WHOLESALE                                | 3               | 3         |       | 6             |
| TRANSLATION AND INTERPRETATION<br>SERVICES  | 6               |           |       | 6             |
| TRANSPORTATION EQUIPMENT AND<br>SUPPLIES (EXCEPT MOTOR VEHICLE)<br>MERCHANT WHOLESALE | 4               | 5         |       | 9             |
| TRANSPORTATION EQUIPMENT AND<br>SUPPLIES (EXCEPT MOTOR VEHICLE)<br>WHOLESALE          |                 | 1         |       | 1             |
| TRAVEL AGENCIES   | 2               | 1         |       | 3             |
| TRAVEL TRAILER AND CAMPER<br>MANUFACTURING (PT)                                       | 11              | 5         |       | 16            |
| TREE NUT FARMING  |                 | 1         |       | 1             |
| TRUCK TRAILER MANUFACTURING   | 101             | 22        |       | 123           |

Source: Kansas Division of Workers Compensation

**Table 2-21 continued**  
**NAICS Code Reported in Occupational Injuries & Illnesses**  
**by Severity FY 2008**

| NAICS   | No Time<br>Lost | Time Lost | Fatal | Total Inj/III |
|---|-----------------|-----------|-------|---------------|
| TRUCK, UTILITY TRAILER AND RV<br>(RECREATIONAL VEHICLES) RENTAL<br>AND LEASING (PT) |                 | 1         |       | 1             |
| TRUCK, UTILITY TRAILER, AND RV<br>(RECREATIONAL VEHICLE) RENTAL AND<br>LEASING      | 2               | 1         |       | 3             |
| TRUSS MANUFACTURING   |                 | 3         |       | 3             |
| UNCLASSIFIABLE  | 2,424           | 2,567     | 3     | 4,994         |
| UNCOATED PAPER AND MULTIWALL<br>BAG MANUFACTURING                                   | 4               | 4         |       | 8             |
| UNSUPPORTED PLASTICS BAG<br>MANUFACTURING   |                 | 64        |       | 64            |
| UNSUPPORTED PLASTICS FILM AND<br>SHEET (EXCEPT PACKAGING)<br>MANUFACTURING          | 3               | 17        |       | 20            |
| UNSUPPORTED PLASTICS PACKAGING<br>FILM AND SHEET MANUFACTURING                      | 10              |           |       | 10            |
| UNSUPPORTED PLASTICS PROFILE<br>SHAPE MANUFACTURING (PT)                            | 2               | 1         |       | 3             |
| UPHOLSTERED HOUSEHOLD<br>FURNITURE MANUFACTURING (PT)                               | 4               | 7         |       | 11            |
| USED CAR DEALERS  | 5               | 5         |       | 10            |
| USED HOUSEHOLD AND OFFICE GOODS<br>MOVING   | 5               | 16        |       | 21            |
| USED HOUSEHOLD AND OFFICE GOODS<br>MOVING (PT)                                      |                 | 3         |       | 3             |
| USED MERCHANDISE STORES   | 18              | 6         |       | 24            |
| VENDING MACHINE OPERATORS   | 2               |           |       | 2             |
| VETERINARY SERVICES   | 47              | 23        |       | 70            |
| VETERINARY SERVICES (PT)  | 9               |           |       | 9             |
| VIDEO TAPE AND DISC RENTAL  | 1               | 4         |       | 5             |
| VOCATIONAL REHABILITATION<br>SERVICES   | 101             | 28        |       | 129           |
| WAREHOUSE CLUBS AND<br>SUPERCENTERS   | 8               | 32        |       | 40            |
| WATER AND SEWER LINE AND RELATED<br>STRUCTURES CONSTRUCTION                         | 17              | 21        |       | 38            |
| WATER SUPPLY AND IRRIGATION<br>SYSTEMS  | 7               | 38        |       | 45            |
| WATER WELL DRILLING CONTRACTORS   |                 | 2         |       | 2             |
| WHEAT FARMING   | 2               | 2         |       | 4             |
| WHOLESALE TRADE AGENTS AND<br>BROKERS   | 87              | 47        |       | 134           |
| WINDOW TREATMENT STORES (PT)  |                 | 1         |       | 1             |

Source: Kansas Division of Workers Compensation

**Table 2-21 continued**  
**NAICS Code Reported in Occupational Injuries & Illnesses**  
**by Severity FY 2008**

| NAICS   | No Time<br>Lost | Time Lost | Fatal | Total Inj/III |
|---|-----------------|-----------|-------|---------------|
| WINE AND DISTILLED ALCOHOLIC<br>BEVERAGE MERCHANT WHOLESALERS         | 9               | 9         |       | 18            |
| WIRED TELECOMMUNICATIONS<br>CARRIERS                                  | 4               | 1         |       | 5             |
| WOMEN'S AND GIRLS' CUT AND SEW<br>DRESS MANUFACTURING (PT)            |                 | 5         |       | 5             |
| WOMEN'S CLOTHING STORES   | 7               | 2         |       | 9             |
| WOMEN'S, GIRLS', AND INFANTS' CUT<br>AND SEW APPAREL CONTRACTORS (PT) |                 | 8         |       | 8             |
| WOOD CONTAINER AND PALLET<br>MANUFACTURING                            | 3               | 8         |       | 11            |
| WOOD KITCHEN CABINET AND<br>COUNTERTOP MANUFACTURING                  | 212             | 34        | 1     | 247           |
| WOOD KITCHEN CABINET AND<br>COUNTERTOP MANUFACTURING (PT)             | 5               | 1         |       | 6             |
| WOOD OFFICE FURNITURE<br>MANUFACTURING                                | 9               | 3         |       | 12            |
| WOOD WINDOW AND DOOR<br>MANUFACTURING                                 | 7               | 3         |       | 10            |

Source: Kansas Division of Workers Compensation



# **Section 3**

## **Workers Compensation Claims Statistics**

## The Kansas Workers Compensation Fund

The Workers Compensation Fund is a guaranty fund that operates as a payer of last resort for injured workers in the State of Kansas. The fund is administered by the Commissioner of Insurance through the Kansas Insurance Department and makes workers compensation payments “[i]f an employer has no insurance to secure payment of compensation...and such employer is financially unable to pay compensation to an injured worker as required by the workers compensation act, or such employer cannot be located and required to pay such compensation.”<sup>9</sup> The Kansas Insurance Department has supplied the following data on the Workers Compensation Fund case load, expenditures, and receipts (see tables 3-1, 3-2 and 3-3).

**Table 3-1**  
**Workers Compensation Fund Case Load Scheduled**

|                              | FY 2008 | FY 2007 | FY 2006 | FY 2005 | FY 2004 | FY 2003 | FY 2002 | FY 2001 |
|------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| Total Number of Impleading   | 106     | 115     | 127     | 116     | 120     | 138     | 125     | 112     |
| Total Number of Closed Cases | 55      | 71      | 49      | 65      | 158     | 351     | 258     | 292     |

Source: Kansas Insurance Department

<sup>9</sup> K.S.A. 44-532a.

**Table 3-2**  
**Workers Compensation Fund**  
**Expenditures Analysis**

|  | FY 2008               | Percent<br>of Total | FY 2007               | Percent<br>of Total | FY 2006               | Percent<br>of Total | FY 2005               | Percent<br>of Total |
|--|-----------------------|---------------------|-----------------------|---------------------|-----------------------|---------------------|-----------------------|---------------------|
| Disability Compensation  | \$1,842,295.56        | 37.13%              | \$1,534,873.20        | 37.38%              | \$1,663,575.37        | 36.16%              | \$1,106,766.70        | 37.72%              |
| Work Assessment  | \$6,712.26            | 0.14%               | \$709.20              | 0.02%               | \$2,981.19            | 0.06%               | \$5,305.28            | 0.18%               |
| Medical  | \$1,656,661.29        | 33.39%              | \$1,183,441.49        | 28.82%              | \$1,426,090.97        | 31.00%              | \$721,849.03          | 24.60%              |
| Reimbursement to Insurance Companies<br>[K.S.A. 44-569(a) & K.S.A.44-569*] | \$763,681.03          | 15.39%              | \$780,847.28          | 19.01%              | \$902,792.46          | 19.62%              | \$503,639.73          | 17.16%              |
| Attorney Fees  | \$353,101.68          | 7.12%               | \$316,937.60          | 7.72%               | \$301,517.21          | 6.55%               | \$297,599.49          | 10.14%              |
| Court Costs,<br>Deposition, Medical<br>Reports, etc.                       | \$59,870.36           | 1.21%               | \$47,601.52           | 1.16%               | \$45,284.24           | 0.98%               | \$43,259.68           | 1.47%               |
| Other Operating<br>Expense   | \$279,653.91          | 5.64%               | \$242,072.30          | 5.89%               | \$258,716.64          | 5.62%               | \$256,078.68          | 8.73%               |
| <b>Total Expenditures</b>  | <b>\$4,961,976.09</b> | <b>100.00%</b>      | <b>\$4,106,482.59</b> | <b>100.00%</b>      | <b>\$4,600,958.08</b> | <b>100.00%</b>      | <b>\$2,934,498.59</b> | <b>100.00%</b>      |

Source: Kansas Insurance Department

\* lump sum and medical may be included

**Table 3-3**  
**Workers Compensation Fund**  
**Receipts Analysis**

|                                    | FY 2008                | Percent<br>of Total | FY 2007                | Percent<br>of Total | FY 2006               | Percent<br>of Total | FY 2005               | Percent<br>of Total |
|------------------------------------|------------------------|---------------------|------------------------|---------------------|-----------------------|---------------------|-----------------------|---------------------|
| Assessment Receipts                | \$5,259,038.44         | 37.34%              | \$7,252,927.46         | 62.75%              | \$1,002,540.02        | 12.98%              | \$3,333,049.00        | 35.12%              |
| Misc. Reimbursements               | \$124,250.09           | 0.88%               | \$28,812.48            | 0.25%               | \$29,095.97           | 0.38%               | \$62,906.49           | 0.66%               |
| Fines & Penalties                  | \$249,091.14           | 1.77%               | \$142,312.50           | 1.23%               | \$179,013.56          | 2.32%               | \$131,114.00          | 1.38%               |
| Transfer to State<br>General Fund  |                        | 0.00%               |                        | 0.00%               |                       | 0.00%               | \$17,355.00           | 0.18%               |
| Operating<br>Transfer In           | \$1,000,000.00         |                     | \$1,000,000.00         |                     | \$10,579.50           |                     |                       |                     |
| <b>Total Receipts</b>              | <b>\$6,632,379.67</b>  | <b>47.09%</b>       | <b>\$8,424,052.44</b>  | <b>72.89%</b>       | <b>\$1,210,649.55</b> | <b>15.68%</b>       | <b>\$3,544,425.00</b> | <b>37.35%</b>       |
| Previous Year<br>Carryover Balance | \$7,452,736.54         | 52.91%              | \$3,133,513.75         | 27.11%              | \$6,511,405.78        | 84.32%              | \$5,938,026.00        | 65.27%              |
| Cancelled Checks                   |                        | 0.00%               |                        | 0.00%               |                       | 0.00%               | \$7,965.29            | 0.08%               |
| <b>Total Funds Available</b>       | <b>\$14,085,116.21</b> | <b>100.00%</b>      | <b>\$11,557,566.19</b> | <b>100.00%</b>      | <b>\$7,722,055.33</b> | <b>100.00%</b>      | <b>\$9,490,417.16</b> | <b>100.00%</b>      |

Source: Kansas Insurance Department

**Table 3-4**  
**Workers Compensation Insurance Experience**

| Year | Direct<br>Premiums<br>Written | Direct<br>Premiums<br>Earned | Direct Paid<br>Losses | Direct Incurred<br>Losses | Paid Losses to<br>Premiums<br>Written | Incurred<br>Losses to<br>Premiums<br>Earned |
|------|-------------------------------|------------------------------|-----------------------|---------------------------|---------------------------------------|---|
| 1982 | \$154,944,245                 | \$152,315,135                | \$88,345,714          | \$107,979,341             | 57.00                                 | 70.90                                       |
| 1983 | \$147,137,981                 | \$148,669,330                | \$96,289,968          | \$115,282,150             | 65.40                                 | 77.50                                       |
| 1984 | \$141,097,428                 | \$140,223,325                | \$106,701,375         | \$125,520,390             | 75.60                                 | 89.50                                       |
| 1985 | \$172,985,620                 | \$170,955,138                | \$120,755,675         | \$147,438,366             | 69.80                                 | 86.20                                       |
| 1986 | \$208,167,277                 | \$202,033,619                | \$134,554,116         | \$170,153,475             | 64.60                                 | 84.20                                       |
| 1987 | \$223,674,161                 | \$222,846,661                | \$147,885,631         | \$195,885,084             | 66.10                                 | 87.90                                       |
| 1988 | \$257,039,527                 | \$259,548,305                | \$164,553,813         | \$208,332,654             | 64.00                                 | 80.30                                       |
| 1989 | \$264,102,264                 | \$263,386,009                | \$184,857,801         | \$239,142,874             | 70.00                                 | 90.80                                       |
| 1990 | \$291,804,714                 | \$293,048,038                | \$222,309,953         | \$265,726,660             | 76.20                                 | 90.70                                       |
| 1991 | \$341,012,872                 | \$337,125,586                | \$243,751,957         | \$321,497,577             | 71.50                                 | 95.40                                       |
| 1992 | \$366,672,022                 | \$363,578,560                | \$236,878,948         | \$293,894,584             | 64.60                                 | 80.80                                       |
| 1993 | \$367,030,245                 | \$365,646,558                | \$220,091,021         | \$231,228,324             | 60.00                                 | 63.20                                       |
| 1994 | \$338,173,750                 | \$312,116,539                | \$185,502,395         | \$192,914,048             | 54.90                                 | 61.80                                       |
| 1995 | \$312,745,351                 | \$322,205,785                | \$159,776,412         | \$139,528,898             | 51.10                                 | 43.30                                       |
| 1996 | \$274,014,862                 | \$282,897,458                | \$149,616,189         | \$130,595,593             | 54.60                                 | 46.20                                       |
| 1997 | \$261,121,536                 | \$261,895,503                | \$145,248,549         | \$134,603,154             | 55.60                                 | 51.60                                       |
| 1998 | \$250,588,819                 | \$261,594,835                | \$156,594,835         | \$126,164,370             | 62.60                                 | 48.20                                       |
| 1999 | \$251,341,523                 | \$252,545,287                | \$170,144,109         | \$179,376,781             | 67.70                                 | 71.00                                       |
| 2000 | \$271,480,320                 | \$247,235,161                | \$170,366,708         | \$159,226,348             | 62.80                                 | 64.40                                       |
| 2001 | \$291,575,463                 | \$269,386,691                | \$190,426,537         | \$237,335,832             | 65.31                                 | 88.10                                       |
| 2002 | \$328,963,003                 | \$307,451,748                | \$180,253,738         | \$177,083,631             | 54.79                                 | 57.60                                       |
| 2003 | \$341,421,177                 | \$324,780,102                | \$173,028,718         | \$205,767,268             | 50.68                                 | 63.36                                       |
| 2004 | \$365,486,978                 | \$355,877,798                | \$182,102,645         | \$242,335,187             | 49.82                                 | 68.10                                       |
| 2005 | \$382,491,997                 | \$383,363,217                | \$190,105,677         | \$238,674,442             | 49.70                                 | 62.26                                       |
| 2006 | \$415,269,407                 | \$407,004,920                | \$193,700,460         | \$256,276,704             | 46.64                                 | 62.97                                       |
| 2007 | \$429,694,396                 | \$422,723,365                | \$202,864,825         | \$283,468,953             | 47.21                                 | 67.06                                       |

Source: Kansas Insurance Department

### Workers Compensation Insurance Experience

The Kansas Insurance Department reports that total direct paid losses by private insurance carriers<sup>10</sup> for calendar year 2007 were \$202,864,825 (see Table 3-4). However, total paid losses were still well below the 25-year peak of \$243,751,957 that occurred in 1991. In August 2008 the National Academy of Social Insurance released results of a comparative study on accident-year incurred losses versus calendar year benefits, by private insurance carriers and by state funds in thirty-six states (including Kansas) over the 2002-2006 period.<sup>11</sup> The cumulative

<sup>10</sup> The totals in Table 3-4 does not include self-insured employers.

<sup>11</sup> Ishita Sengupta, Virginia P. Reno and John F. Burton Jr., *Workers Compensation: Benefits, Coverage, and Costs, 2006* (Washington D.C.: National Academy of Social Insurance, 2008); pp. 36-37.

changes in accident-incurred losses and in calendar year benefits paid were a 12.9 percent increase and a 2.7 percent increase, respectively (not controlled for inflation). In comparison to the other 35 states, Kansas' accident-year-incurred losses for 2002-2006 increased by 44.72 percent. Calendar year benefits paid for Kansas for 2002-2006 increased by 7.46 percent.

## **The Kansas Closed Claims Study (CCS)**

The Workers Compensation Act requires that employers (or their insurers) submit a first report of injury to the division. Not every injury, however, results in a claim by the injured worker, for medical and/or indemnity compensation. Generally, the division becomes aware of a claim and obtains information that a given claim has closed, as well as information about the costs and duration of that claim, through only three means. One occurs when a claim is litigated through the division's administrative law court system. The second occurs when a sample of insurers are required by Kansas statute to provide information to the division. The third is through the filing of subsequent reports of injury through the electronic data interchange (EDI) claims system.

K.S.A. 44-557a(c) originally mandated that the Director of Workers Compensation "conduct studies of open and closed claims under the Workers Compensation Act" and seek advice in order to "make valid statistical conclusions as to the distributions of costs of workers compensation benefits." It was expected that data collected for the division's Open and Closed Claims Study would provide a foundation for meaningful statistical conclusions about costs and temporal characteristics of workers compensation claims in Kansas, and thus help identify trends in these claims characteristics. Due to the dynamic and continually evolving nature of medical and indemnity payments for open claims, no meaningful statistics on costs (including daily payments) could be reported and in 2003 the Legislature altered the statute to no longer obligate the division to collect data and report on open claims.

The Closed Claims Study is done annually using the original study as a baseline for comparison of subsequent studies. The intent of this statutory mandate is to enable the division to provide the legislature with information that it can use to decide whether changes in provisions of the Workers Compensation Act are needed and, if so, to help formulate policy responses to identified problems.

## **The 2008 Closed Claims Study (CCS)**

The FY 2008 Closed Claims Study marks the tenth consecutive year that the division has collected claims data directly from a stratified random sample of insurance carriers, self-insured organizations and group-funded pools, underwriting workers compensation in the state of Kansas (see Appendix A). The following section summarizes findings of the 2008 CCS that used calendar year 2007 data.

## **Highlights of the 2008 Closed Claims Study**

- The mean total indemnity cost was \$10,239.95 (see Table 3-5). However, the median total indemnity cost was \$3,507.00. This significant difference indicates that there were

many claims with large indemnity payouts that skewed the mean indemnity costs higher than the median.

- The mean total medical cost was \$11,446.81 (see Table 3-5). Of this total, the mean hospital cost was \$8,983.19, the mean physicians cost was \$3,028.54 and the mean cost categorized as “other medical” was \$3,186.71. As with indemnity costs, the median total medical expense was only \$5,645.25, again indicating the presence of many large medical claims that skewed the mean total cost higher than the median.
- The median duration of a claim was 365.50 days (see Table 3-6).
- It took an average of 21 days following an accident for an insurer to be notified; however, for half the claims, notification took place within seven days. Insurers took an average of 135 days from the date disability began to make the first payment to the claimant; however, for half the claims, first payment took place within 24 days (see Table 3-6).
- Median medical recovery time was 194 days (see Table 3-5), and median time away from work was 28 days (see Table 3-6).

**Table 3-5**  
**2008 Closed Claims Study**  
**Workers Compensation Claims in Kansas\***

|                                 | Univariate Statistics |                |           |                    |          |          |                          | n     |
|---------------------------------|-----------------------|----------------|-----------|--------------------|----------|----------|--------------------------|-------|
|                                 | Mean                  | Standard Error | Median    | Standard Deviation | Skewness | Kurtosis | Coefficient of Variation |       |
| Total Cost of Claim (dollars)   | 21,686.76             | 698.95         | 10,278.31 | 35,502.35          | 5.79     | 62.31    | 163.71                   | 2,580 |
| Total Indemnity (dollars)       | 10,239.95             | 392.22         | 3,507.00  | 19,922.38          | 6.69     | 78.93    | 194.56                   | 2,580 |
| Total Medical (dollars)         | 11,446.81             | 424.36         | 5,945.25  | 21,554.94          | 9.96     | 186.75   | 188.31                   | 2,580 |
| Total Physician Costs (dollars) | 3,028.54              | 95.15          | 1,850.12  | 4,206.23           | 4.91     | 42.68    | 138.89                   | 1,954 |
| Total Hospital Costs (dollars)  | 8,983.19              | 427.21         | 4,112.00  | 18,899.02          | 9.40     | 150.18   | 210.38                   | 1,957 |
| Total Other Medical (dollars)   | 3,186.71              | 130.31         | 1,240.00  | 5,480.75           | 4.99     | 41.87    | 171.99                   | 1,769 |
| Claim Duration (days)           | 474.47                | 9.33           | 365.50    | 474.12             | 5.27     | 51.14    | 99.93                    | 2,580 |
| Time Away from Work (days)      | 76.75                 | 4.18           | 28.00     | 141.73             | 3.97     | 19.29    | 184.66                   | 1,151 |
| Medical Recovery (days)         | 296.06                | 9.74           | 194.00    | 377.45             | 7.37     | 110.75   | 127.49                   | 1,502 |

\* Claims that closed in 2006 with paid indemnity & medical

Source: Kansas Division of Workers Compensation

**Table 3-6**  
**2008 Closed Claims Study**  
**Time Intervals\***

|        | Claim Duration | Time Taken to<br>Notify Insurer | Time Taken for Insurer<br>to Issue First Payment | Time Away from<br>Work |
|--------|----------------|---------------------------------|--|------------------------|
| Mean   | 474.47         | 21                              | 135  | 76.75                  |
| Median | 365.50         | 7                               | 24   | 28.00                  |
| Count  | 2,580          | 2,145                           | 1,576  | 1,151                  |
| Max    | 7,406          | 1,003                           | 3,304  | 1,136                  |
| Min    | 0              | 0                               | 0  | 0                      |

\* All time intervals are in days.

Source: Kansas Division of Workers Compensation

- Nine percent of injured workers retained an attorney to handle their claim (see Table 3-7).
- For claims involving a claimant attorney, the median indemnity cost was \$16,235.55. In contrast, for claims not involving a claimant attorney, the median indemnity cost was only \$2,813.74 (see Table 3-7).
- For claims involving a claimant attorney, the median medical cost was \$11,915.00. In contrast, for claims not involving a claimant attorney, the median medical cost was only \$5,379.00 (see Table 3-7).
- For claims involving a claimant attorney, the median lump sum settlement was \$12,368.00. In contrast, for claims not involving a claimant attorney, the median lump sum settlement was only \$6,613.00 (see Table 3-7).
- It is important to note that these findings offer no statistical proof that involvement of an attorney results in greater indemnity or medical payments.

**Table 3-7**  
**2008 Closed Claims Study**  
**Involvement of Claimant Attorney**

|                            | Count | Median Indemnity | Median Medical | Median Lump<br>Sum* |
|----------------------------|-------|------------------|----------------|---------------------|
| Claimant Attorney Involved | 226   | \$16,235.55      | \$11,915.00    | \$12,368.00         |
| No Claimant Attorney       | 2,354 | \$2,813.74       | \$5,379.00     | \$6,613.00          |
| All Cases                  | 2,580 | \$3,507.00       | \$5,945.25     | \$7,844.55          |

\* Only 582 cases in the sample had lump sum settlements.

Source: Kansas Division of Workers Compensation

- The mean employer legal expense was \$1,771.52 for those 869 claims that reported such an expense (see Table 3-8). Meanwhile, the mean claimant legal expense was \$7,965.35 for those 20 claims that itemized expenses. The median costs for employer and claimant legal expenses were \$613.00 and \$1,115.50, respectively.

**Table 3-8**  
**2008 Closed Claims Study**  
**Legal Expense Associated with Claim**

|        | Employer Legal Expense | Claimant Legal Expense |
|--------|------------------------|------------------------|
| Mean   | \$1,771.52             | \$7,965.35             |
| Median | \$613.00               | \$1,115.50             |
| Count  | 869                    | 20                     |

Source: Kansas Division of Workers Compensation

- The most frequently injured body part(s) was the lower back area, followed by the knee and shoulder(s) (see Table 3-9). In prior years, all specific part of body codes were aggregated into boarder “major body regions.” The division discontinued this practice because specificity and clarity were lost in this rollup process. Of the top ten most frequently injured body parts, both the highest median indemnity costs (\$7,814.00) and the highest median medical costs (\$11,956.00) involved injury to the shoulder(s).
- The most frequent nature of injury was strain, followed by fracture and contusion (bruising) (see Table 3-9). Of the top ten most frequent nature of injury, both the highest median indemnity costs (\$13,422.50) and the highest median medical costs (\$21,159.15) involved dislocation injuries.
- The most frequent cause of injury was lifting, followed by fall/slip/trip and strain (see Table 3-9). Of the top ten most frequent cause of injury, those injuries caused by strain due to repetitive motion had the highest median indemnity costs (\$7,100.10). Injuries caused by pushing and pulling had the highest median medical cost (\$10,959.67) and \$8,124.00, respectively.



**Table 3-9**  
**2008 Closed Claims Study**  
**Claim Costs by Part of Body Injured, and Nature and Cause of Injury\***

| <b>Part of Body Injured</b>           | <b>Median Indemnity</b> | <b>Mean Indemnity</b> | <b>Median Medical</b> | <b>Mean Medical</b> | <b>n</b> |
|---------------------------------------|-------------------------|-----------------------|-----------------------|---------------------|----------|
| Lower Back Area                       | \$3,004.58              | \$13,014.29           | \$3,657.00            | \$11,529.06         | 368      |
| Knee                                  | \$4,256.00              | \$7,932.05            | \$7,779.17            | \$9,537.14          | 335      |
| Shoulder(s)                           | \$7,814.00              | \$11,935.89           | \$11,956.00           | \$13,575.01         | 233      |
| Multiple Body Parts                   | \$3,560.00              | \$17,422.13           | \$6,774.11            | \$19,541.85         | 203      |
| Finger(s)                             | \$2,290.02              | \$4,076.04            | \$3,966.12            | \$5,830.46          | 194      |
| Wrist                                 | \$5,554.00              | \$10,259.04           | \$6,573.40            | \$8,678.36          | 132      |
| Ankle                                 | \$2,535.00              | \$6,566.97            | \$2,463.89            | \$7,667.50          | 113      |
| Hand                                  | \$2,245.00              | \$7,652.30            | \$5,158.00            | \$8,010.88          | 109      |
| Abdomen                               | \$1,395.83              | \$1,779.93            | \$4,822.95            | \$5,677.29          | 82       |
| Foot                                  | \$2,949.92              | \$6,587.24            | \$2,708.03            | \$8,823.70          | 82       |
| <b>Nature of Injury</b>               |                         |                       |                       |                     |          |
| Strain                                | \$4,429.79              | \$11,155.66           | \$6,103.84            | \$10,979.05         | 884      |
| Fracture                              | \$4,138.07              | \$10,228.20           | \$6,101.84            | \$15,688.85         | 348      |
| Contusion                             | \$1,920.53              | \$6,180.87            | \$3,063.48            | \$7,934.61          | 226      |
| Sprain                                | \$2,405.34              | \$7,118.28            | \$4,260.73            | \$8,962.42          | 193      |
| All Other Specific Injuries, NOC**    | \$3,303.36              | \$10,980.51           | \$4,360.00            | \$10,528.51         | 169      |
| Laceration                            | \$1,787.10              | \$5,784.48            | \$3,691.66            | \$7,660.97          | 133      |
| Carpal Tunnel Syndrome                | \$9,328.50              | \$13,153.41           | \$8,580.90            | \$11,832.40         | 86       |
| Hernia                                | \$1,539.81              | \$3,667.09            | \$5,833.50            | \$7,044.37          | 76       |
| Dislocation                           | \$13,422.50             | \$21,159.15           | \$14,050.00           | \$18,274.95         | 66       |
| All Other Cumulative Injury, NOC**    | \$7,005.55              | \$10,833.23           | \$8,401.27            | \$11,976.78         | 62       |
| <b>Cause of Injury</b>                |                         |                       |                       |                     |          |
| Lifting                               | \$2,915.72              | \$9,416.50            | \$4,691.55            | \$9,663.85          | 330      |
| Fall, Slip or Trip, NOC**             | \$3,424.00              | \$6,805.90            | \$5,286.02            | \$9,695.26          | 166      |
| Strain or Injury by NOC**             | \$2,275.00              | \$10,000.52           | \$6,222.00            | \$10,146.36         | 147      |
| Fall on Same Level                    | \$4,568.06              | \$9,186.27            | \$7,005.00            | \$9,835.12          | 119      |
| Pushing or Pulling                    | \$5,614.88              | \$10,959.67           | \$7,001.03            | \$11,040.93         | 116      |
| Fall From Different Level (Elevation) | \$5,473.73              | \$16,067.48           | \$9,661.55            | \$21,240.90         | 116      |
| Repetitive Motion                     | \$7,100.10              | \$10,807.54           | \$7,593.34            | \$10,830.59         | 113      |
| Twisting                              | \$2,342.70              | \$10,517.19           | \$4,995.61            | \$7,827.67          | 102      |
| Fall on Ice or Snow                   | \$2,077.00              | \$8,481.45            | \$5,158.00            | \$11,727.52         | 99       |
| Struck by Falling or Flying Object    | \$2,324.57              | \$8,010.81            | \$3,965.00            | \$7,514.52          | 85       |

\* Top ten part of body, nature, and cause of injury categories reported

\*\* NOC = not otherwise classifiable

Source: Kansas Division of Workers Compensation

- Temporary total disability (TTD) claims were the most common type of claim (1,894), and its median indemnity cost was \$2,331.35. The next two most frequent types of claims, scheduled permanent partial (368) and lump sum settlements (196), had median total indemnity costs of \$7,036.00 and \$5,220.50, respectively (see Table 3-10).

**Table 3-10**  
**2008 Closed Claims Study**  
**Indemnity Costs by Benefit Type\***

| Benefit Type                             | Mean        | Median      | n     |
|--|-------------|-------------|-------|
| Temporary Total                          | \$9,190.44  | \$2,331.35  | 1,894 |
| Temporary Partial                        | \$5,733.16  | \$1,188.00  | 20    |
| Unscheduled Permanent Partial            | \$23,607.01 | \$17,022.61 | 75    |
| Scheduled Permanent Partial              | \$11,566.88 | \$7,036.00  | 368   |
| Lump Sum Settlements (Indemnity portion) | \$8,416.92  | \$5,220.50  | 196   |

\*Claims that closed in 2007 with paid indemnity & medical  
Source: Kansas Division of Workers Compensation

**Table 3-11**  
**2008 Closed Claims Study**  
**Workers Compensation Claims in Kansas**

|                  |                               | Univariate Statistics |                |              |                    |          |          |                          |       |
|------------------|-------------------------------|-----------------------|----------------|--------------|--------------------|----------|----------|--------------------------|-------|
| Variable         | Indemnity Benefit Type        | Mean                  | Standard Error | Median       | Standard Deviation | Skewness | Kurtosis | Coefficient of Variation | n     |
| Total Claim Cost | Death                         | \$147,077.99          | \$48,744.40    | \$153,186.60 | \$199,398.90       | -0.02    | -3.27    | 81.18                    | 6     |
|                  | Permanent Total Disability    | \$130,423.70          | \$54,620.10    | \$116,293.00 | \$133,791.37       | 0.10     | -3.04    | 102.58                   | 6     |
|                  | Scheduled Permanent Partial   | \$22,800.60           | \$1,279.39     | \$15,475.75  | \$24,543.01        | 3.16     | 12.94    | 107.64                   | 368   |
|                  | Unscheduled Permanent Partial | \$35,751.99           | \$3,800.35     | \$26,364.00  | \$32,911.98        | 2.15     | 5.60     | 92.06                    | 75    |
|                  | Temporary Total Injury        | \$20,809.44           | \$830.65       | \$8,492.74   | \$36,149.82        | 6.21     | 72.84    | 173.72                   | 1,894 |
|                  | Temporary Partial             | \$17,083.21           | \$8,980.08     | \$3,720.40   | \$40,160.14        | 4.12     | 17.72    | 235.09                   | 20    |
|                  | Indemnity Portion             | \$17,945.26           | \$6,010.52     | \$10,338.92  | \$20,821.05        | 2.67     | 7.74     | 116.03                   | 12    |
|                  | Lump Sum Settlement           | \$16,332.09           | \$1,541.71     | \$11,071.00  | \$21,584.00        | 6.65     | 64.97    | 132.16                   | 196   |
| Total Indemnity  | Death                         | \$126,883.11          | \$46,095.87    | \$104,516.30 | \$112,911.37       | 0.20     | -2.86    | 88.99                    | 6     |
|                  | Permanent Total Disability    | \$53,292.50           | \$24,344.49    | \$30,966.00  | \$59,631.57        | 0.62     | -2.13    | 111.89                   | 6     |
|                  | Scheduled Permanent Partial   | \$11,566.88           | \$796.27       | \$7,036.00   | \$15,275.03        | 3.60     | 16.44    | 132.06                   | 368   |
|                  | Unscheduled Permanent Partial | \$23,607.01           | \$2,737.43     | \$17,022.61  | \$23,706.81        | 3.09     | 13.28    | 100.42                   | 75    |
|                  | Temporary Total Injury        | \$9,190.44            | \$434.90       | \$2,331.35   | \$18,926.77        | 7.17     | 98.86    | 205.94                   | 1,894 |
|                  | Temporary Partial             | \$5,733.16            | \$2,178.99     | \$1,188.00   | \$9,744.73         | 2.35     | 5.31     | 169.97                   | 20    |
|                  | Indemnity Portion             | \$10,096.36           | \$4,299.73     | \$6,158.69   | \$14,894.69        | 3.14     | 10.34    | 147.53                   | 12    |
|                  | Lump Sum Settlement           | \$8,416.92            | \$766.47       | \$5,220.50   | \$10,730.54        | 3.18     | 13.59    | 127.49                   | 196   |
| Total Medical    | Death                         | \$20,194.89           | \$12,568.14    | \$5,892.50   | \$30,785.52        | 1.96     | 3.77     | 152.44                   | 6     |
|                  | Permanent Total Disability    | \$77,131.20           | \$37,303.44    | \$48,889.46  | \$91,374.38        | 1.02     | 0.14     | 118.47                   | 6     |
|                  | Scheduled Permanent Partial   | \$11,233.72           | \$645.78       | \$8,189.00   | \$12,388.25        | 4.16     | 29.68    | 110.28                   | 368   |
|                  | Unscheduled Permanent Partial | \$12,144.98           | \$1,914.27     | \$7,561.00   | \$16,578.09        | 3.85     | 19.36    | 136.50                   | 75    |
|                  | Temporary Total Injury        | \$11,619.01           | \$522.59       | \$5,204.00   | \$22,742.97        | 10.37    | 196.67   | 195.74                   | 1,894 |
|                  | Temporary Partial             | \$11,350.05           | \$7,178.50     | \$2,923.50   | \$32,103.23        | 4.36     | 19.28    | 282.85                   | 20    |
|                  | Indemnity Portion             | \$7,848.90            | \$2,389.73     | \$4,797.50   | \$8,278.26         | 1.28     | 0.52     | 105.47                   | 12    |
|                  | Lump Sum Settlement           | \$7,915.18            | \$1,103.02     | \$5,183.52   | \$15,442.34        | 9.62     | 114.30   | 195.10                   | 196   |

Source: Kansas Division of Workers Compensation

**Table 3-11 continued**  
**2008 Closed Claims Study**  
**Workers Compensation Claims in Kansas**

|                     |                                  | Univariate Statistics |                |              |                    |          |          |                          |       |
|---------------------|----------------------------------|-----------------------|----------------|--------------|--------------------|----------|----------|--------------------------|-------|
| Variable            | Indemnity Benefit Type           | Mean                  | Standard Error | Median       | Standard Deviation | Skewness | Kurtosis | Coefficient of Variation | n     |
| Total Hospital      | Death Permanent Total Disability | \$26,522.27           | \$18,578.54    | \$12,906.00  | \$37,157.07        | 1.51     | 1.95     | 140.10                   | 4     |
|                     | Scheduled Permanent Partial      | \$40,319.28           | \$25,670.22    | \$25,262.50  | \$51,340.44        | 1.05     | -0.29    | 127.33                   | 4     |
|                     | Unscheduled Permanent Partial    | \$6,086.91            | \$593.43       | \$4,017.50   | \$9,193.33         | 6.66     | 63.52    | 151.03                   | 240   |
|                     | Temporary Total Injury           | \$8,673.32            | \$2,083.46     | \$4,068.92   | \$14,434.64        | 3.87     | 18.63    | 166.43                   | 48    |
|                     | Temporary Partial                | \$9,601.21            | \$523.91       | \$4,258.86   | \$20,365.19        | 9.27     | 141.34   | 212.11                   | 1,511 |
|                     | Indemnity Portion                | \$2,311.23            | \$793.15       | \$910.90     | \$2,967.70         | 1.98     | 4.10     | 128.40                   | 14    |
|                     | Lump Sum Settlement              | \$4,220.68            | \$2,054.19     | \$1,327.00   | \$5,810.12         | 2.03     | 4.29     | 137.66                   | 8     |
|                     |                                  | \$6,811.87            | \$1,156.54     | \$3,320.57   | \$12,930.54        | 7.14     | 64.43    | 189.82                   | 125   |
| Total Physician     | Death Permanent Total Disability | \$1,803.11            | \$817.09       | \$2,330.00   | \$1,415.24         | -1.44    |          | 78.49                    | 3     |
|                     | Scheduled Permanent Partial      | \$9,230.44            | \$5,019.96     | \$2,794.00   | \$11,224.97        | 1.40     | 1.26     | 121.61                   | 5     |
|                     | Unscheduled Permanent Partial    | \$3,532.41            | \$187.64       | \$2,464.00   | \$3,589.80         | 3.41     | 18.00    | 101.62                   | 366   |
|                     | Temporary Total Injury           | \$3,670.90            | \$376.71       | \$3,122.78   | \$3,240.57         | 1.47     | 2.16     | 88.28                    | 74    |
|                     | Temporary Partial                | \$2,860.41            | \$120.44       | \$1,499.00   | \$4,420.50         | 5.25     | 46.90    | 154.54                   | 1,347 |
|                     | Indemnity Portion                | \$2,147.27            | \$486.46       | \$1,209.79   | \$1,945.84         | 1.54     | 2.97     | 90.62                    | 16    |
|                     | Lump Sum Settlement              | \$2,905.45            | \$771.96       | \$2,283.22   | \$2,674.14         | 1.15     | 0.48     | 92.04                    | 12    |
|                     |                                  | \$2,892.07            | \$329.04       | \$1,942.50   | \$3,722.68         | 5.09     | 37.41    | 128.72                   | 128   |
| Total Other Medical | Death Permanent Total Disability | \$2,417.73            | \$1,338.25     | \$2,298.45   | \$2,676.51         | 0.04     | -5.79    | 110.70                   | 4     |
|                     | Scheduled Permanent Partial      | \$5,050.18            | \$2,266.93     | \$5,621.47   | \$5,069.01         | 0.94     | 0.68     | 100.37                   | 5     |
|                     | Unscheduled Permanent Partial    | \$3,966.35            | \$275.29       | \$2,033.37   | \$5,135.52         | 3.06     | 14.72    | 129.48                   | 348   |
|                     | Temporary Total Injury           | \$3,482.93            | \$498.39       | \$2,045.50   | \$3,987.12         | 2.00     | 4.41     | 114.48                   | 64    |
|                     | Temporary Partial                | \$3,023.48            | \$167.87       | \$993.00     | \$5,812.59         | 5.39     | 45.83    | 192.25                   | 1,199 |
|                     | Indemnity Portion                | \$800.62              | \$138.76       | \$568.21     | \$572.13           | 0.66     | 0.03     | 71.46                    | 17    |
|                     | Lump Sum Settlement              | \$2,129.66            | \$942.35       | \$525.75     | \$3,264.40         | 2.34     | 5.94     | 153.28                   | 12    |
|                     |                                  | \$2,818.01            | \$367.00       | \$1,384.00   | \$3,969.73         | 4.45     | 31.01    | 140.87                   | 117   |
| Lump Sum Settlement | Death Permanent Total Disability | \$108,299.00          | \$104,701.00   | \$108,299.00 | \$148,069.57       |          |          | 136.72                   | 2     |
|                     | Scheduled Permanent Partial      | \$11,565.82           | \$2,454.15     | \$5,310.00   | \$12,022.82        | 1.32     | 0.75     | 103.95                   | 24    |
|                     | Unscheduled Permanent Partial    | \$23,321.52           | \$6,769.29     | \$9,008.00   | \$108.61           | 1.17     | 0.03     | 108.61                   | 14    |
|                     | Temporary Total Injury           | \$14,309.01           | \$791.20       | \$8,913.68   | \$15,665.04        | 1.93     | 3.38     | 109.48                   | 392   |
|                     | Temporary Partial                | \$18,250.00           | \$15,250.00    | \$18,250.00  | \$21,566.76        |          |          | 118.17                   | 2     |
|                     | Indemnity Portion                | \$10,706.57           | \$6,198.37     | \$4,289.10   | \$15,182.85        | 2.04     | 4.27     | 141.81                   | 6     |
|                     | Lump Sum Settlement              | \$8,323.21            | \$944.84       | \$5,000.00   | \$11,219.45        | 3.28     | 14.40    | 134.80                   | 141   |

Source: Kansas Division of Workers Compensation

**Table 3-11 continued**  
**2008 Closed Claims Study**  
**Workers Compensation Claims in Kansas**

|                     |                               | Univariate Statistics |                 |         |                     |          |          |                          |       |
|---------------------|-------------------------------|-----------------------|-----------------|---------|---------------------|----------|----------|--------------------------|-------|
| Variable            | Indemnity Benefit Type        | Mean*                 | Standard Error* | Median* | Standard Deviation* | Skewness | Kurtosis | Coefficient of Variation | n     |
| Claim Duration      | Death                         | 1,349.67              | 920.14          | 479.00  | 2,253.87            | 2.37     | 5.70     | 166.99                   | 6     |
|                     | Permanent Total Disability    | 1,426.67              | 686.55          | 438.00  | 1,681.69            | 1.32     | 0.24     | 117.88                   | 6     |
|                     | Scheduled Permanent Partial   | 618.28                | 32.39           | 473.50  | 621.36              | 6.44     | 57.63    | 100.50                   | 368   |
|                     | Unscheduled Permanent Partial | 880.87                | 92.37           | 640.00  | 799.97              | 3.15     | 13.98    | 90.82                    | 75    |
|                     | Temporary Total Injury        | 416.40                | 8.87            | 310.50  | 386.11              | 3.99     | 36.33    | 92.73                    | 1,894 |
|                     | Temporary Partial             | 418.10                | 112.83          | 285.50  | 504.59              | 3.43     | 13.37    | 120.69                   | 20    |
|                     | Indemnity Portion             | 639.17                | 142.13          | 623.00  | 492.35              | 1.93     | 5.24     | 77.03                    | 12    |
|                     | Lump Sum Settlement           | 545.98                | 24.43           | 488.50  | 342.08              | 1.93     | 6.42     | 62.65                    | 196   |
| Medical Recovery    | Death                         | 214.00                |                 | 214.00  |                     |          |          |                          | 1     |
|                     | Permanent Total Disability    | 464.00                | 205.01          | 299.00  | 410.02              | 1.83     | 3.39     | 88.37                    | 4     |
|                     | Scheduled Permanent Partial   | 473.50                | 36.09           | 329.00  | 615.66              | 7.13     | 70.14    | 130.02                   | 291   |
|                     | Unscheduled Permanent Partial | 558.75                | 66.39           | 453.00  | 509.94              | 2.48     | 9.50     | 91.27                    | 59    |
|                     | Temporary Total Injury        | 226.87                | 7.65            | 139.00  | 245.36              | 2.14     | 6.91     | 108.15                   | 1,028 |
|                     | Temporary Partial             | 161.20                | 50.28           | 91.00   | 158.99              | 1.03     | -0.51    | 98.63                    | 10    |
|                     | Indemnity Portion             | 532.00                |                 | 532.00  |                     |          |          |                          | 1     |
|                     | Lump Sum Settlement           | 337.92                | 25.60           | 275.50  | 266.08              | 1.36     | 2.82     | 78.74                    | 108   |
| Time Away From Work | Death                         | 207.00                |                 | 207.00  |                     |          |          |                          | 1     |
|                     | Permanent Total Disability    | 207.00                |                 | 207.00  |                     |          |          |                          | 1     |
|                     | Scheduled Permanent Partial   | 117.03                | 15.44           | 35.00   | 202.43              | 2.80     | 8.36     | 172.97                   | 172   |
|                     | Unscheduled Permanent Partial | 257.00                | 47.99           | 181.50  | 235.09              | 0.99     | 0.49     | 91.48                    | 24    |
|                     | Temporary Total Injury        | 66.66                 | 4.05            | 28.00   | 121.34              | 4.66     | 28.14    | 182.04                   | 899   |
|                     | Temporary Partial             | 23.57                 | 7.95            | 20.00   | 21.03               | 0.97     | 0.29     | 89.22                    | 7     |
|                     | Indemnity Portion             |                       |                 |         |                     |          |          |                          |       |
|                     | Lump Sum Settlement           | 36.33                 | 12.12           | 5.00    | 83.95               | 3.16     | 10.05    | 231.06                   | 48    |

\* In days

Source: Kansas Division of Workers Compensation

**Table 3-12**  
**2008 Closed Claims Study**  
**Claim Costs For Repetitive Motion-Carpal Tunnel Syndrome Injuries**

| Cause of Injury                          | Median Indemnity | Mean Indemnity | Median Medical | Mean Medical | Median Total Costs | Mean Total Costs | n   |
|--|------------------|----------------|----------------|--------------|--------------------|------------------|-----|
| Repetitive Motion-Carpal Tunnel Syndrome | \$7,100.10       | \$10,807.54    | \$7,593.34     | \$10,830.59  | \$16,173.64        | \$21,638.13      | 113 |

Source: Kansas Division of Workers Compensation

- Carpal tunnel syndrome injuries had median total indemnity costs of \$7,100.10 and median total medical costs of \$7,593.34. Median total costs for carpal tunnel claims totaled \$21,638.13. (See Table 3-12).

### Comparative Analysis of 1999-2008 CCS Claims Costs and Temporal Characteristics

K.S.A. 44-557a(c) mandates the Director of Workers Compensation “to conduct studies of open and closed claims under the Workers Compensation Act” and to seek advice in order to “make valid statistical conclusions as to the distributions of costs of workers compensation benefits.” Data collected for the division’s Open and Closed Claims Study (CCS) should provide a foundation for meaningful statistical conclusions about costs and temporal characteristics of workers compensation claims in Kansas, and thus help identify trends in these claims characteristics. The CCS study is done annually, using the original study as a baseline for later years. Each CCS uses data from the prior calendar year; thus, the 2008 CCS is based on calendar year 2007 data. See Table 3-5 above. The comparative study below contains data from calendar years 1998-2007. See table 3-13.

#### Univariate Statistics

Univariate statistics are important quantitative tools for describing the statistical distribution of workers compensation data. The term “univariate” refers to presentation or analysis of one variable at a time and usually involves descriptive statistics, such as frequency distributions, measures of central tendency (e.g., mean and median) and dispersion (e.g., variance and standard deviation). Important variables associated with workers compensation claims include the following:

- **total indemnity costs** for the claim
- **total medical costs** for the claim
- **total cost of the claim** (includes total medical and total indemnity)
- **total physician, hospital and other medical costs** for the claim
- **claim duration** (calculated from date of injury to date of closing)
- **time away from work** (calculated from date of disability to return to work date)

- **medical recovery time** for the claim (calculated from date of injury to date of maximum medical improvement)

It is extremely important to note that after ten years of analyzing claims data, the division still maintains that distribution of medical and indemnity claim costs in Kansas are not normally distributed and, therefore, the median, rather than the mean (“average”), is the more appropriate measure of central tendency for summarizing closed claims costs data, since the median is relatively unaffected by high-cost outliers. A word of caution: none of these numbers has been controlled for inflation (see below for claim costs controlled for inflation).

Statistical measures of dispersion, such as standard deviation or skewness, help explain how outliers “inflate” the mean for both claim costs and characteristics variables. All nine variables show positive skewness (greater than zero) for every year of the CCS study (see Table 3-13). For all years, the sample distributions for claim costs and temporal variables have been positively skewed, or right skewed. Compared to a normally distributed variable, in the shape of a bell curve, the distribution of claim costs (for both indemnity and all medical variables) are skewed right, with most of the claims bunched near the left wall of the histogram, while a relatively few claims extend the histogram out to the right giving it a long tail. Hence, we use the term right skewed or positively skewed, because the values in the tail extend the distribution into positive, not negative, values. Quantitative assessment of the skewness of a distribution can be calculated, but it must be assessed together with another measure - kurtosis, or the tendency of data to be distributed toward the ends or tails of the spread.

For a normally distributed variable, kurtosis would be close to zero.<sup>12</sup> If kurtosis is less than zero, then the distribution is referred to as “light tailed,” but if greater than zero, it is described as “heavy tailed.” Since the distributions of all the study variables are asymmetrical (values cannot be less than zero), the kurtosis measures indicate that there are many outliers (high cost and large number of days) in the tails of the distribution of the study variables (kurtosis is much higher for some of the medical cost variables).

Please note the costs below (see Table 3-13 and Figures 3-1) are actual (nominal) costs and are not controlled for inflation. See the section beginning on page 150 for inflation-adjusted analysis.

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<sup>12</sup> Actually, kurtosis of the normal distribution is three, but SAS software subtracts three from the calculation, so that the reference point becomes zero, a more intuitively appealing number in their estimation.

**Table 3-13**  
**2008 Closed Claims Study**  
**Workers Compensation Claims in Kansas for Calendar Years 1998-2007**

| Calendar Year | Variable                        | Univariate Statistics |                |           |                    |          |          |                          |       |
|---------------|---------------------------------|-----------------------|----------------|-----------|--------------------|----------|----------|--------------------------|-------|
|               |                                 | Mean                  | Standard Error | Median    | Standard Deviation | Skewness | Kurtosis | Coefficient of Variation | n     |
| <b>2007</b>   | Total Cost of Claim (dollars)   | 21,686.76             | 698.95         | 10,278.31 | 35,502.35          | 5.79     | 62.31    | 163.71                   | 2,580 |
|               | Total Indemnity (dollars)       | 10,239.95             | 392.22         | 3,507.00  | 19,922.38          | 6.69     | 78.93    | 194.56                   | 2,580 |
|               | Total Medical (dollars)         | 11,446.81             | 424.36         | 5,945.25  | 21,554.94          | 9.96     | 186.75   | 188.31                   | 2,580 |
|               | Total Physician Costs (dollars) | 3,028.54              | 95.15          | 1,850.12  | 4,206.23           | 4.91     | 42.68    | 138.89                   | 1,954 |
|               | Total Hospital Costs (dollars)  | 8,983.19              | 427.21         | 4,112.00  | 18,899.02          | 9.40     | 150.18   | 210.38                   | 1,957 |
|               | Total Other Medical (dollars)   | 3,186.71              | 130.31         | 1,240.00  | 5,480.75           | 4.99     | 41.87    | 171.99                   | 1,769 |
|               | Claim Duration (days)           | 474.47                | 9.33           | 365.50    | 474.12             | 5.27     | 51.14    | 99.93                    | 2,580 |
|               | Time Away from Work (days)      | 76.75                 | 4.18           | 28.00     | 141.73             | 3.97     | 19.29    | 184.66                   | 1,151 |
|               | Medical Recovery (days)         | 296.06                | 9.74           | 194.00    | 377.45             | 7.37     | 110.75   | 127.49                   | 1,502 |
| <b>2006</b>   | Total Cost of Claim (dollars)   | 22,143.33             | 805.7          | 11,795.50 | 41,522.89          | 14.68    | 361.87   | 187.52                   | 2,656 |
|               | Total Indemnity (dollars)       | 11,148.42             | 492.02         | 4,392.00  | 25,356.69          | 21.93    | 784.02   | 227.45                   | 2,656 |
|               | Total Medical (dollars)         | 10,994.91             | 469.04         | 6,133.50  | 24,172.55          | 20.74    | 701.56   | 219.85                   | 2,656 |
|               | Total Physician Costs (dollars) | 3,158.97              | 85.34          | 1,984.00  | 4,146.49           | 4.39     | 31.74    | 131.26                   | 2,361 |
|               | Total Hospital Costs (dollars)  | 6,983.68              | 281.24         | 3,614.50  | 12,399.94          | 5.48     | 41.61    | 177.56                   | 1,944 |
|               | Total Other Medical (dollars)   | 3,745.40              | 433.96         | 1,179.00  | 20,210.63          | 40.38    | 1783.36  | 539.61                   | 2,169 |
|               | Claim Duration (days)           | 483.71                | 9.11           | 359       | 469.50             | 3.46     | 19.34    | 97.06                    | 2,656 |
|               | Time Away from Work (days)      | 77.52                 | 4.4            | 28        | 165.66             | 9.9      | 179.45   | 213.7                    | 1,418 |
|               | Medical Recovery (days)         | 296.82                | 7.43           | 197       | 338.57             | 3.05     | 14.22    | 114.07                   | 2,075 |
| <b>2005</b>   | Total Cost of Claim (dollars)   | 20,016.46             | 560.88         | 11,164.00 | 26,904.65          | 3.66     | 20.76    | 134.41                   | 2,301 |
|               | Total Indemnity (dollars)       | 9,959.35              | 336.91         | 4,000.00  | 16,161.23          | 3.93     | 24.96    | 162.27                   | 2,301 |
|               | Total Medical (dollars)         | 10,057.11             | 281.61         | 6,148.00  | 13,508.48          | 3.89     | 25.37    | 134.32                   | 2,301 |
|               | Total Physician Costs (dollars) | 2,718.30              | 71.81          | 1,667.00  | 3,335.88           | 3.39     | 17.92    | 122.72                   | 2,158 |
|               | Total Hospital Costs (dollars)  | 6,097.44              | 211.24         | 3,424.00  | 8,845.00           | 3.87     | 21.84    | 145.05                   | 1,753 |
|               | Total Other Medical (dollars)   | 3,199.88              | 114.32         | 1,432.00  | 5,108.71           | 4.65     | 35.73    | 159.65                   | 1,997 |
|               | Claim Duration (days)           | 555.24                | 33.25          | 394.00    | 1,594.92           | 41.4     | 1,885.81 | 287.25                   | 2,301 |
|               | Time Away from Work (days)      | 78.32                 | 4.42           | 28.00     | 158.66             | 7.43     | 98.19    | 202.57                   | 1,291 |
|               | Medical Recovery (days)         | 334.7                 | 8.90           | 205.00    | 405.5              | 3.95     | 27.15    | 121.15                   | 2,074 |
| <b>2004</b>   | Total Cost of Claim (dollars)   | 19,891.88             | 850.95         | 9,715.00  | 29,904.65          | 3.7      | 19.11    | 150.34                   | 1,235 |
|               | Total Indemnity (dollars)       | 9,555.47              | 440.61         | 3,223.00  | 15,484.19          | 3.24     | 13.04    | 162.05                   | 1,235 |
|               | Total Medical (dollars)         | 10,336.40             | 526            | 4,927.00  | 18,481.42          | 5.54     | 44.27    | 178.8                    | 1,235 |
|               | Total Physician Costs (dollars) | 3,011.20              | 143.17         | 1,501.50  | 4,893.05           | 5.65     | 51.95    | 162.49                   | 1,168 |
|               | Total Hospital Costs (dollars)  | 6,114.34              | 405.04         | 2,667.50  | 1,352.14           | 7        | 71.9     | 202.02                   | 930   |
|               | Total Other Medical (dollars)   | 3,293.00              | 168.37         | 1,184.00  | 5,429.66           | 3.43     | 16.09    | 164.89                   | 1,040 |
|               | Claim Duration (days)           | 555.25                | 14.71          | 391       | 517.08             | 1.86     | 4.96     | 93.13                    | 1,235 |
|               | Time Away from Work (days)      | 88.34                 | 7.55           | 30        | 190.73             | 6.16     | 61.14    | 215.91                   | 638   |
|               | Medical Recovery (days)         | 329.95                | 11.7           | 193       | 380.24             | 2.45     | 10.22    | 115.24                   | 1,057 |

Source: Kansas Division of Workers Compensation



**Table 3-13 continued**  
**2008 Closed Claims Study**  
**Workers Compensation Claims in Kansas for Calendar Years 1998-2007**

| Calendar Year | Variable                        | Univariate Statistics |                |           |                    |          |          |                          |       |
|---------------|---------------------------------|-----------------------|----------------|-----------|--------------------|----------|----------|--------------------------|-------|
|               |                                 | Mean                  | Standard Error | Median    | Standard Deviation | Skewness | Kurtosis | Coefficient of Variation | n     |
| <b>2003</b>   | Total Cost of Claim (dollars)   | 24,244.95             | 1,978.32       | 11,242.50 | 104,308.31         | 20.91    | 511.65   | 430.23                   | 2,780 |
|               | Total Indemnity (dollars)       | 12,641.78             | 1,351.00       | 4,903.00  | 71,219.41          | 32.74    | 1,294.86 | 563.37                   | 2,779 |
|               | Total Medical (dollars)         | 11,611.90             | 1,026.30       | 5,033.00  | 54,102.51          | 21.19    | 513.33   | 465.92                   | 2,779 |
|               | Total Physician Costs (dollars) | 3,357.92              | 225.12         | 1,811.00  | 11,617.40          | 24.84    | 735.95   | 345.97                   | 2,663 |
|               | Total Hospital Costs (dollars)  | 7,698.89              | 909.94         | 2,751.00  | 41,439.79          | 18.63    | 384.22   | 538.26                   | 2,074 |
|               | Total Other Medical (dollars)   | 2,873.14              | 374.45         | 986       | 18,148.43          | 41.88    | 1,915.81 | 631.66                   | 2,349 |
|               | Claim Duration (days)           | 619.8                 | 11.01          | 489       | 526.13             | 2.33     | 8.92     | 84.89                    | 2,283 |
|               | Time Away from Work (days)      | 272.37                | 87.3           | 35        | 3,483.27           | 19.95    | 399.19   | 1,278.88                 | 1,592 |
|               | Medical Recovery (days)         | 368.08                | 8.43           | 246       | 402.81             | 3.39     | 22.74    | 109.44                   | 2,282 |
| <b>2002</b>   | Total Cost of Claim (dollars)   | 17,690.36             | 711.14         | 9,147.50  | 27,852.79          | 5.25     | 46.26    | 157.45                   | 1,534 |
|               | Total Indemnity (dollars)       | 9,318.82              | 413.97         | 3,732.00  | 16,187.27          | 4.36     | 28.97    | 173.71                   | 1,529 |
|               | Total Medical (dollars)         | 8,401.91              | 405.68         | 4,285.50  | 15,888.80          | 8.84     | 126.75   | 189.11                   | 1,534 |
|               | Total Physician Costs (dollars) | 2,802.84              | 129.6          | 1,433.00  | 4,300.40           | 5.2      | 47.54    | 153.43                   | 1,101 |
|               | Total Hospital Costs (dollars)  | 4,383.59              | 290.22         | 2,008.00  | 8,614.33           | 7.81     | 91.15    | 196.51                   | 881   |
|               | Total Other Medical (dollars)   | 2,127.50              | 154.13         | 780       | 4,972.91           | 14.56    | 326.46   | 233.74                   | 1,041 |
|               | Claim Duration (days)           | 551.97                | 14.61          | 384.5     | 572.27             | 2.67     | 9.31     | 103.68                   | 1,534 |
|               | Time Away from Work (days)      | 2,385.45              | 291.8          | 31        | 8,927.45           | 3.64     | 11.27    | 374.25                   | 936   |
|               | Medical Recovery (days)         | 323.44                | 13.54          | 164       | 439.49             | 2.82     | 10.1     | 135.88                   | 1,053 |
| <b>2001</b>   | Total Cost of Claim (dollars)   | 14,856.73             | 544.94         | 7,398.50  | 23,577.91          | 5.29     | 47.78    | 158.7                    | 1,872 |
|               | Total Indemnity (dollars)       | 7,442.08              | 307.06         | 2,573.00  | 12,863.64          | 3.82     | 18.93    | 172.85                   | 1,755 |
|               | Total Medical (dollars)         | 7,879.78              | 332.67         | 4,108.50  | 14,393.53          | 9.26     | 144.12   | 182.66                   | 1,872 |
|               | Total Physician Costs (dollars) | 2,072.15              | 77.65          | 1,202.00  | 2,828.64           | 5.28     | 53.14    | 136.51                   | 1,327 |
|               | Total Hospital Costs (dollars)  | 3,902.37              | 189.37         | 2,327.50  | 5,897.96           | 5.12     | 42.04    | 151.14                   | 970   |
|               | Total Other Medical (dollars)   | 2,120.92              | 260.95         | 874       | 9,020.72           | 30.02    | 985.84   | 425.32                   | 1,195 |
|               | Claim Duration (days)           | 500.49                | 13.04          | 324.5     | 564.4              | 3.01     | 11.11    | 112.77                   | 1,872 |
|               | Time Away from Work (days)      | 128.11                | 7.06           | 50        | 246.28             | 6.23     | 56.64    | 192.24                   | 1,216 |
|               | Medical Recovery (days)         | 391.55                | 11.53          | 241.5     | 499.03             | 3.44     | 15.47    | 127.45                   | 1,872 |
| <b>2000</b>   | Total Cost of Claim (dollars)   | 13,639.39             | 408.46         | 7,064.00  | 19,197.63          | 4.12     | 30.52    | 140.75                   | 2,209 |
|               | Total Indemnity (dollars)       | 6,530.81              | 228.65         | 2,296.00  | 10,746.36          | 3.62     | 17.84    | 164.55                   | 2,209 |
|               | Total Medical (dollars)         | 7,108.58              | 232.69         | 3,834.00  | 10,936.24          | 5.98     | 66.35    | 153.85                   | 2,209 |
|               | Total Physician Costs (dollars) | 2,282.25              | 66.81          | 1,351.50  | 3,077.74           | 4.14     | 29.34    | 134.86                   | 2,122 |
|               | Total Hospital Costs (dollars)  | 4,314.73              | 187.53         | 2,300.00  | 7,594.41           | 8.94     | 140.1    | 176.01                   | 1,640 |
|               | Total Other Medical (dollars)   | 2,136.52              | 103.46         | 683       | 4,353.92           | 7.59     | 105.57   | 203.79                   | 1,771 |
|               | Claim Duration (days)           | 449.83                | 9.19           | 332       | 431.81             | 2.61     | 9.65     | 95.99                    | 2,209 |
|               | Time Away from Work (days)      | 76.42                 | 3.27           | 32        | 121.46             | 3.38     | 14.36    | 158.94                   | 1,378 |
|               | Medical Recovery (days)         | 261.3                 | 6.48           | 175       | 304.04             | 3.13     | 15.31    | 116.36                   | 2,199 |

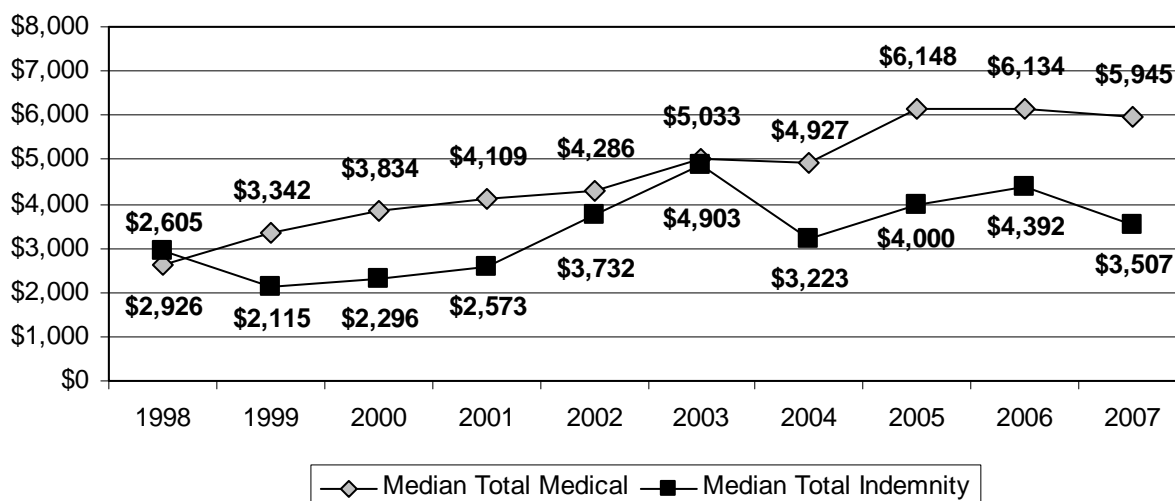
Source: Kansas Division of Workers Compensation

**Table 3-13 continued**  
**2008 Closed Claims Study**  
**Workers Compensation Claims in Kansas for Calendar Years 1998-2007**

| Calendar Year | Variable                        | Univariate Statistics |                |          |                    |          |          |                          | n     |
|---------------|---------------------------------|-----------------------|----------------|----------|--------------------|----------|----------|--------------------------|-------|
|               |                                 | Mean                  | Standard Error | Median   | Standard Deviation | Skewness | Kurtosis | Coefficient of Variation |       |
| <b>1999</b>   | Total Cost of Claim (dollars)   | 16,800.72             | 592.8          | 6,909.00 | 29,371.84          | 5.57     | 50.97    | 174.82                   | 2,455 |
|               | Total Indemnity (dollars)       | 7,235.45              | 264.76         | 2,115.00 | 13,118.47          | 4.19     | 24.68    | 181.31                   | 2,455 |
|               | Total Medical (dollars)         | 6,872.88              | 280.39         | 3,342.00 | 13,892.52          | 11.06    | 200.06   | 202.14                   | 2,455 |
|               | Total Physician Costs (dollars) | 2,770.01              | 131.2          | 1,369.00 | 6,409.96           | 23.59    | 833.4    | 231.41                   | 2,387 |
|               | Total Hospital Costs (dollars)  | 4,215.40              | 200.59         | 2,051.50 | 8,231.63           | 10.06    | 175.24   | 195.28                   | 1,684 |
|               | Total Other Medical (dollars)   | 1,603.54              | 93.34          | 557      | 4,144.81           | 10.76    | 175.05   | 258.48                   | 1,972 |
|               | Claim Duration (days)           | 442.86                | 8.32           | 329      | 412.25             | 2.28     | 8.92     | 93.09                    | 2,455 |
|               | Time Away from Work (days)      | 89.94                 | 4.28           | 29       | 166.78             | 4.41     | 26.4     | 185.44                   | 1,519 |
|               | Medical Recovery (days)         | 256.67                | 6.53           | 151      | 323.25             | 3.38     | 17.74    | 125.94                   | 2,453 |
| <b>1998</b>   | Total Cost of Claim (dollars)   | 17,484.72             | 694.38         | 7,396.00 | 32,338.94          | 7.49     | 110.87   | 184.96                   | 2,169 |
|               | Total Indemnity (dollars)       | 7,936.09              | 306.92         | 2,926.00 | 14,294.14          | 4.85     | 36.36    | 180.12                   | 2,169 |
|               | Total Medical (dollars)         | 7,163.45              | 1,252.84       | 2,605.00 | 58,321.20          | 44.66    | 2,048.86 | 814.15                   | 2,167 |
|               | Total Physician Costs (dollars) | 2,039.81              | 68.55          | 1,042.00 | 3,128.68           | 4.31     | 28.36    | 153.38                   | 2,083 |
|               | Total Hospital Costs (dollars)  | 3,612.86              | 171.3          | 1,655.00 | 6,538.48           | 6.41     | 68.6     | 180.98                   | 1,457 |
|               | Total Other Medical (dollars)   | 1,777.74              | 221            | 517.5    | 9,371.18           | 35.1     | 1,383.89 | 527.14                   | 1,798 |
|               | Claim Duration (days)           | 423.46                | 8.85           | 314      | 412.31             | 2.76     | 11.3     | 97.37                    | 2,169 |
|               | Time Away from Work (days)      | n/a                   | n/a            | n/a      | n/a                | n/a      | n/a      | n/a                      | n/a   |
|               | Medical Recovery (days)         | 280.47                | 6.79           | 184.5    | 315.42             | 3.07     | 15.4     | 112.46                   | 2,158 |

Source: Kansas Division of Workers Compensation

**Figure 3-1**  
**Average (Median) Total Indemnity & Total**  
**Medical Claim Costs in Kansas 1998-2007**  
**(Non Inflation-Adjusted)**



**Figure 3-2**  
**Average (Median) Temporal Characteristics of**  
**Closed Claims in Kansas 1998-2007**



## Total Claim Costs for CCS 1999-2008

Total costs for each claim were calculated for each year of the CCS and include:

- **total indemnity costs** for the claim
- **total medical costs** for the claim, which included the **total physician, hospital and other medical costs**

Median total claim costs per sample year are reported in Table 3-14. Median total claim costs for 2007 were \$10,278.31. Indemnity constituted 47.22 percent of median total claim cost for 2007, while medical was 52.78 percent.

**Table 3-14**  
**2008 Closed Claims Study**  
**Total Claims Costs\* for Calendar Years 1998-2007**

| Calendar Year | Median Total Costs<br>(Dollars)* | Percent<br>Indemnity | Percent<br>Medical |
|---------------|----------------------------------|----------------------|--------------------|
| 1998          | 7,396.00                         | 52.58                | 47.42              |
| 1999          | 6,909.00                         | 51.28                | 48.72              |
| 2000          | 7,064.00                         | 47.88                | 52.12              |
| 2001          | 7,398.00                         | 46.96                | 53.04              |
| 2002          | 9,147.00                         | 52.51                | 47.49              |
| 2003          | 11,242.00                        | 52.12                | 47.88              |
| 2004          | 9,715.00                         | 48.04                | 51.96              |
| 2005          | 11,164.00                        | 49.76                | 50.24              |
| 2006          | 11,795.50                        | 50.35                | 49.65              |
| 2007          | 10,278.31                        | 47.22                | 52.78              |

\*Sum of total incurred indemnity & medical costs per claim

Source: Kansas Division of Workers Compensation

## Temporal Characteristics of Claims for CCS 1999-2008

Table 3-19 (below) and Figure 3-2 (above) show the overall increase in the average number of days for claim duration, time away from work and medical recovery time.

- Claim duration increased, on average, 2.54 percent yearly and, in total, 16.56 percent from 1998-2007.
- Time away from work increased, on average, 2.57 percent yearly but decreased, in total, 3.45 percent from 1999-2007 (note: 1998 data was not available).
- Medical recovery time increased, on average, 3.65 percent yearly but increased, in total, 4.86 percent from 1998-2007.

**Table 3-15**  
**2008 Closed Claims Study**  
**Temporal Characteristics of Claims for Calendar Years 1998-2007**

|                     |      | Median Number of<br>Days | Average Annual Increase<br>1998-2005 | Total Increase<br>1998-2005* |
|---------------------|------|--------------------------|--------------------------------------|------------------------------|
| Claim Duration      |      |                          | 2.54%                                | 16.56%                       |
|                     | 1998 | 314                      |                                      |                              |
|                     | 1999 | 329                      |                                      |                              |
|                     | 2000 | 332                      |                                      |                              |
|                     | 2001 | 325                      |                                      |                              |
|                     | 2002 | 385                      |                                      |                              |
|                     | 2003 | 489                      |                                      |                              |
|                     | 2004 | 391                      |                                      |                              |
|                     | 2005 | 394                      |                                      |                              |
|                     | 2006 | 359                      |                                      |                              |
|                     | 2007 | 366                      |                                      |                              |
| Time Away From Work |      |                          | 2.57%                                | -3.45%                       |
|                     | 1998 | n/a                      |                                      |                              |
|                     | 1999 | 29                       |                                      |                              |
|                     | 2000 | 32                       |                                      |                              |
|                     | 2001 | 50                       |                                      |                              |
|                     | 2002 | 31                       |                                      |                              |
|                     | 2003 | 35                       |                                      |                              |
|                     | 2004 | 30                       |                                      |                              |
|                     | 2005 | 28                       |                                      |                              |
|                     | 2006 | 28                       |                                      |                              |
|                     | 2007 | 28                       |                                      |                              |

\*Negative percentage indicates a decrease

Source: Kansas Division of Workers Compensation

**Table 3-15 continued**  
**2008 Closed Claims Study**  
**Temporal Characteristics of Claims for Calendar Years 1998-2007**

|                       |      | Median Number of<br>Days | Average Annual Increase<br>1998-2005 | Total Increase<br>1998-2005* |
|-----------------------|------|--------------------------|--------------------------------------|------------------------------|
| Medical Recovery Time |      |                          | 3.65%                                | 4.86%                        |
|                       | 1998 | 185                      |                                      |                              |
|                       | 1999 | 151                      |                                      |                              |
|                       | 2000 | 175                      |                                      |                              |
|                       | 2001 | 242                      |                                      |                              |
|                       | 2002 | 164                      |                                      |                              |
|                       | 2003 | 246                      |                                      |                              |
|                       | 2004 | 193                      |                                      |                              |
|                       | 2005 | 205                      |                                      |                              |
|                       | 2006 | 197                      |                                      |                              |
|                       | 2007 | 194                      |                                      |                              |

\*Negative percentage indicates a decrease

Source: Kansas Division of Workers Compensation

## **Inflation-Adjusted Comparative Analysis of 1999-2007 CCS Claims Costs**

In order to compare claim costs over time, the division used standard statistical procedures to adjust for inflation. Every year, the value of the dollar to the average American consumer and employers is driven down by inflation. This makes comparison of year-to-year costs difficult because the value of the dollar changes. In order to control for this fluctuation, the Bureau of Labor Statistics (BLS) produces multiplying factors that are meant to allow costs to be compared over time to account for inflation. These factors are referred to as the Consumer Price Indexes and when used properly in an inflation adjustment formula, these indexes allow the researcher to represent each year's costs with a consistent dollar value. See Appendix A for detail on the methodology.

Highlights of this analysis are as follows:

- Table 3-16 shows both real (inflation adjusted) and nominal median indemnity costs for calendar years 1998-2006. All costs are expressed in 2006 dollars. Total indemnity costs, adjusted for inflation, increased, on average, 5.81 percent yearly from 1998-2006. Inflation adjusted median total indemnity costs, over the same period, reveal that total indemnity increased 21.50 percent.
- Examining specific benefit types, total indemnity costs, adjusted for inflation, for temporary total disability (TTD) claims increased, on average, 2.67 percent yearly from 1998-2006 (see Table 3-16). Total increase, adjusted for inflation, over the same period, was 5.20 percent. Median total medical costs for TTD claims increased, on average, 11.39 percent yearly and in total 118.70 percent from 1998-2006.
- Costs for the same period, for temporary and permanent partial claims, and unscheduled and scheduled permanent partial claims, also are shown in Table 3-16.
- Figure 3-3 illustrates the trend in the average, inflation-adjusted median of total indemnity and total medical costs for 1998-2006.

**Table 3-16**  
**2008 Closed Claims Study**  
**Inflation-Adjusted Analysis**  
**Costs for Claims for Calendar Years 1998-2006**

|                                | Non-Inflation<br>Adjusted<br>Median<br>Indemnity<br>Costs | Inflation<br>Adjusted<br>Median<br>Indemnity<br>Costs | Inflation<br>Adjusted<br>Average<br>Annual<br>Increase<br>1998-<br>2006* | Inflation<br>Adjusted<br>Total<br>Increase<br>1998-<br>2006* | Non-Inflation<br>Adjusted<br>Median<br>Medical<br>Costs | Inflation<br>Adjusted<br>Median<br>Medical<br>Costs | Inflation<br>Adjusted<br>Average<br>Annual<br>Increase<br>1998-<br>2006* | Inflation<br>Adjusted<br>Total<br>Increase<br>1998-<br>2006* |
|--------------------------------|---|---|--|--|---|---|--|--|
| Total Indemnity for all claims |   |   | 5.81%  | 21.50%   |   |   | 8.89%  | 90.60%   |
| 1998                           | \$2,926   | \$3,614   |  |  | \$2,605   | \$3,218   |  |  |
| 1999                           | \$2,115   | \$2,559   |  |  | \$3,342   | \$4,044   |  |  |
| 2000                           | \$2,296   | \$2,688   |  |  | \$3,834   | \$4,489   |  |  |
| 2001                           | \$2,573   | \$2,930   |  |  | \$4,109   | \$4,679   |  |  |
| 2002                           | \$3,732   | \$4,183   |  |  | \$4,286   | \$4,803   |  |  |
| 2003                           | \$4,903   | \$5,375   |  |  | \$5,033   | \$5,517   |  |  |
| 2004                           | \$3,223   | \$3,440   |  |  | \$4,927   | \$5,259   |  |  |
| 2005                           | \$4,000   | \$4,131   |  |  | \$6,148   | \$6,350   |  |  |
| 2006                           | \$4,392   | \$4,392   |  |  | \$6,134   | \$6,134   |  |  |
| Temporary total claims         |   |   | 2.67%  | 5.20%  |   |   | 11.39%   | 118.70%  |
| 1998                           | \$1,853   | \$2,289   |  |  | \$1,952   | \$2,411   |  |  |
| 1999                           | \$1,478   | \$1,788   |  |  | \$2,722   | \$3,293   |  |  |
| 2000                           | \$1,359   | \$1,591   |  |  | \$2,947   | \$3,450   |  |  |
| 2001                           | \$1,600   | \$1,822   |  |  | \$3,512   | \$4,000   |  |  |
| 2002                           | \$2,284   | \$2,560   |  |  | \$4,630   | \$5,189   |  |  |
| 2003                           | \$2,910   | \$3,190   |  |  | \$4,886   | \$5,356   |  |  |
| 2004                           | \$2,495   | \$2,663   |  |  | \$4,310   | \$4,601   |  |  |
| 2005                           | \$2,225   | \$2,297   |  |  | \$5,229   | \$5,400   |  |  |
| 2006                           | \$2,409   | \$2,409   |  |  | \$5,271   | \$5,271   |  |  |
| Temporary partial claims       |   |   | 61.64%   | 29.20%   |   |   | 14.72%   | -0.80%   |
| 1998                           | \$2,748   | \$3,394   |  |  | \$3,609   | \$4,458   |  |  |
| 1999                           | \$657   | \$794   |  |  | \$2,395   | \$2,898   |  |  |
| 2000                           | \$402   | \$471   |  |  | \$2,671   | \$3,127   |  |  |
| 2001                           | \$526   | \$598   |  |  | \$2,158   | \$2,457   |  |  |
| 2002                           | \$423   | \$474   |  |  | \$1,257   | \$1,408   |  |  |
| 2003                           | \$432   | \$474   |  |  | \$839   | \$920   |  |  |
| 2004                           | \$324   | \$346   |  |  | \$1,317   | \$1,406   |  |  |
| 2005                           | \$2,110   | \$2,179   |  |  | \$3,776   | \$3,900   |  |  |
| 2006                           | \$4,384   | \$4,384   |  |  | \$4,423   | \$4,423   |  |  |

\*Negative percentage indicates a decrease

Source: Kansas Division of Workers Compensation



**Table 3-16 continued**  
**2008 Closed Claims Study**  
**Inflation-Adjusted Analysis**  
**Costs for Claims for Calendar Years 1998-2006**

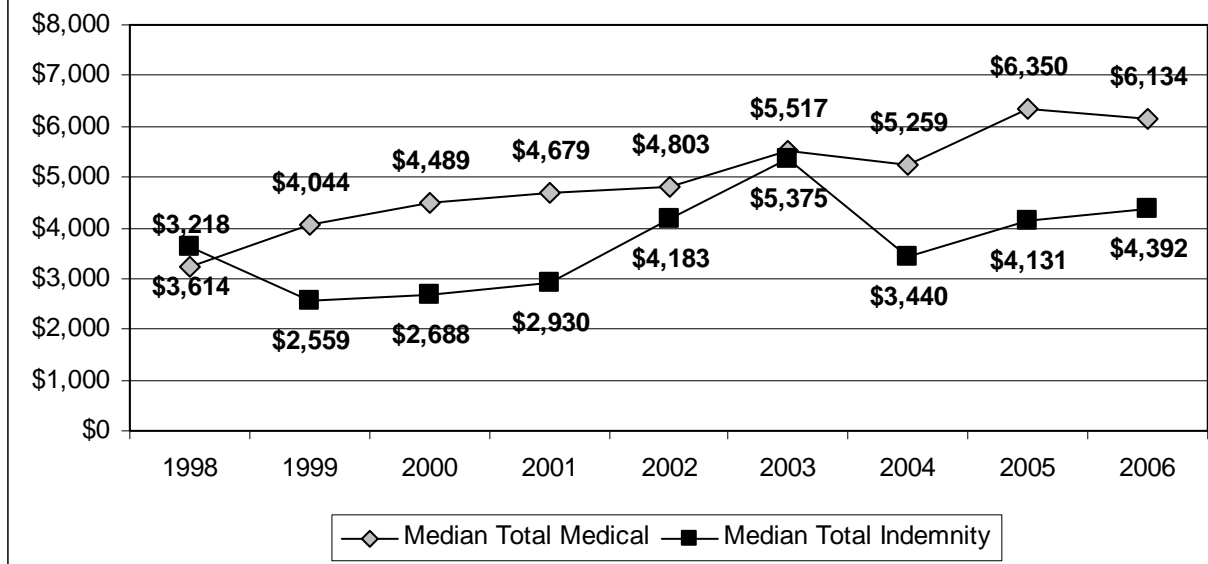
|                                      | Non-Inflation<br>Adjusted<br>Median<br>Indemnity<br>Costs | Inflation<br>Adjusted<br>Median<br>Indemnity<br>Costs | Inflation<br>Adjusted<br>Average<br>Annual<br>Increase<br>1998-<br>2006* | Inflation<br>Adjusted<br>Total<br>Increase<br>1998-<br>2006* | Non-Inflation<br>Adjusted<br>Median<br>Medical<br>Costs | Inflation<br>Adjusted<br>Median<br>Medical<br>Costs | Inflation<br>Adjusted<br>Average<br>Annual<br>Increase<br>1998-<br>2006* | Inflation<br>Adjusted<br>Total<br>Increase<br>1998-<br>2006* |
|--------------------------------------|---|---|--|--|---|---|--|--|
| Scheduled permanent partial claims   |   |   | 7.80%  | 35.20%   |   |   | 18.20%   | 65.30%   |
| 1998                                 | \$4,713   | \$5,822   |  |  | \$4,287   | \$5,296   |  |  |
| 1999                                 | \$4,315   | \$5,221   |  |  | \$4,939   | \$5,976   |  |  |
| 2000                                 | \$6,000   | \$7,025   |  |  | \$5,810   | \$6,802   |  |  |
| 2001                                 | \$5,745   | \$6,543   |  |  | \$4,660   | \$5,306   |  |  |
| 2002                                 | \$5,070   | \$5,682   |  |  | \$3,260   | \$3,654   |  |  |
| 2003                                 | \$7,440   | \$8,156   |  |  | \$6,386   | \$7,000   |  |  |
| 2004                                 | \$5,304   | \$5,662   |  |  | \$3,597   | \$3,839   |  |  |
| 2005                                 | \$8,542   | \$8,822   |  |  | \$8,321   | \$8,593   |  |  |
| 2006                                 | \$7,781   | \$7,781   |  |  | \$8,577   | \$8,755   |  |  |
| Unscheduled permanent partial claims |   |   | 5.40%  | 34.80%   |   |   | 3.90%  | 9.70%  |
| 1998                                 | \$8,126   | \$10,038  |  |  | \$5,771   | \$7,129   |  |  |
| 1999                                 | \$7,724   | \$9,346   |  |  | \$6,923   | \$8,377   |  |  |
| 2000                                 | \$8,848   | \$10,359  |  |  | \$6,607   | \$7,736   |  |  |
| 2001                                 | \$7,844   | \$8,933   |  |  | \$6,779   | \$7,720   |  |  |
| 2002                                 | \$9,999   | \$11,206  |  |  | \$4,365   | \$4,892   |  |  |
| 2003                                 | \$8,461   | \$9,275   |  |  | \$5,798   | \$6,356   |  |  |
| 2004                                 | \$8,054   | \$8,597   |  |  | \$7,866   | \$8,396   |  |  |
| 2005                                 | \$9,589   | \$9,903   |  |  | \$9,343   | \$9,649   |  |  |
| 2006                                 | \$13,536  | \$13,536  |  |  | \$7,824   | \$7,824   |  |  |
| Permanent partial claims**           |   |   | 2.90%  | 20.50%   |   |   | 7.00%  | 41.80%   |
| 1998                                 | \$6,135   | \$7,579   |  |  | \$4,844   | \$5,984   |  |  |
| 1999                                 | \$6,708   | \$8,117   |  |  | \$6,356   | \$7,691   |  |  |
| 2000                                 | \$7,485   | \$8,764   |  |  | \$6,166   | \$7,219   |  |  |
| 2001                                 | \$7,093   | \$8,078   |  |  | \$6,117   | \$6,966   |  |  |
| 2002                                 | \$7,280   | \$8,159   |  |  | \$4,088   | \$4,582   |  |  |
| 2003                                 | \$8,004   | \$8,774   |  |  | \$5,891   | \$6,458   |  |  |
| 2004                                 | \$6,980   | \$7,451   |  |  | \$7,134   | \$7,615   |  |  |
| 2005                                 | \$8,905   | \$9,196   |  |  | \$8,835   | \$9,124   |  |  |
| 2006                                 | \$9,130   | \$9,130   |  |  | \$8,485   | \$8,485   |  |  |

\*Negative percentage indicates a decrease

\*\*Includes both scheduled and unscheduled permanent partial disability

Source: Kansas Division of Workers Compensation

**Figure 3-3**  
**Average (Median) Total Indemnity & Total**  
**Medical Claim Costs in Kansas 1998-2006**  
**(Inflation-Adjusted)**



- Median total medical costs for all claims, adjusted for inflation, increased, on average, 8.89 percent yearly and, in total, 90.60 percent from 1998-2006 (see Table 3-17).
- Median total hospital costs for all claims, adjusted for inflation, increased, on average, 8.51 percent yearly and, in total, 76.80 percent from 1998-2006 (see Table 3-17).
- Median total physician costs for all claims, adjusted for inflation, increased, on average, 6.88 percent yearly and, in total, 54.14 percent from 1998-2006 (see Table 3-17).
- Median total other-medical costs for all claims, adjusted for inflation, increased, on average, 9.21 percent yearly and, in total 84.43 percent from 1998-2006 (see Table 3-17).
- For a graphical representation of the average median total indemnity and the average median total medical costs for 1998-2006, see Figure 3-3.

**Table 3-17**  
**2008 Closed Claims Study**  
**Inflation-Adjusted Analysis**  
**Medical Costs for Claims for Calendar Years 1998-2006**

|  |      | Non-Inflation<br>Adjusted<br>Median<br>Costs | Inflation<br>Adjusted<br>Median<br>Costs | Inflation<br>Adjusted<br>Average<br>Annual<br>Increase<br>1998-<br>2006 | Inflation<br>Adjusted Total<br>Increase 1998-<br>2006 |
|--|------|--|--|---|---|
| Total Medical Costs for all Claims       |      |  |  | 8.89%   | 90.60%  |
|  | 1998 | \$2,605                                      | \$3,218                                  |   |   |
|  | 1999 | \$3,342                                      | \$4,044                                  |   |   |
|  | 2000 | \$3,834                                      | \$4,489                                  |   |   |
|  | 2001 | \$4,109                                      | \$4,679                                  |   |   |
|  | 2002 | \$4,286                                      | \$4,803                                  |   |   |
|  | 2003 | \$5,033                                      | \$5,517                                  |   |   |
|  | 2004 | \$4,927                                      | \$5,259                                  |   |   |
|  | 2005 | \$6,148                                      | \$6,350                                  |   |   |
|  | 2006 | \$6,134                                      | \$6,134                                  |   |   |
| Total Hospital Costs for all Claims      |      |  |  | 8.51%   | 76.80%  |
|  | 1998 | \$1,655                                      | \$2,044                                  |   |   |
|  | 1999 | \$2,052                                      | \$2,482                                  |   |   |
|  | 2000 | \$2,300                                      | \$2,693                                  |   |   |
|  | 2001 | \$2,328                                      | \$2,651                                  |   |   |
|  | 2002 | \$2,008                                      | \$2,250                                  |   |   |
|  | 2003 | \$2,751                                      | \$3,016                                  |   |   |
|  | 2004 | \$2,668                                      | \$2,847                                  |   |   |
|  | 2005 | \$3,424                                      | \$3,536                                  |   |   |
|  | 2006 | \$3,615                                      | \$3,615                                  |   |   |
| Total Physician Costs for all Claims     |      |  |  | 0.07%   | 54.14%  |
|  | 1998 | \$1,042                                      | \$1,287                                  |   |   |
|  | 1999 | \$1,369                                      | \$1,657                                  |   |   |
|  | 2000 | \$1,352                                      | \$1,582                                  |   |   |
|  | 2001 | \$1,202                                      | \$1,369                                  |   |   |
|  | 2002 | \$1,433                                      | \$1,606                                  |   |   |
|  | 2003 | \$1,811                                      | \$1,985                                  |   |   |
|  | 2004 | \$1,502                                      | \$1,603                                  |   |   |
|  | 2005 | \$1,667                                      | \$1,722                                  |   |   |
|  | 2006 | \$1,984                                      | \$1,984                                  |   |   |
| Total Other Medical Costs for all Claims |      |  |  | 0.09%   | 84.43%  |
|  | 1998 | \$518  | \$639                                    |   |   |
|  | 1999 | \$557  | \$674                                    |   |   |
|  | 2000 | \$683  | \$800                                    |   |   |
|  | 2001 | \$874  | \$995                                    |   |   |
|  | 2002 | \$780  | \$874                                    |   |   |
|  | 2003 | \$986  | \$1,081                                  |   |   |
|  | 2004 | \$1,184                                      | \$1,264                                  |   |   |
|  | 2005 | \$1,432                                      | \$1,479                                  |   |   |
|  | 2006 | \$1,179                                      | \$1,179                                  |   |   |

Source: Kansas Division of Workers Compensation

- When trying to “smooth” a yearly increase (decrease) with an average annual increase, it should be noted that legal costs, for both employer and claimant, tend to be more volatile, dramatically increasing or decreasing year to year (see Table 3-18).
- Total attorney costs, adjusted for inflation, increased annually, on average, 16.23 percent and, in total, 82.36 percent, from 1998-2006 (see Table 3-18).
- Employer attorney costs, adjusted for inflation, increased annually, on average, 11.31 percent and, in total, 89.25 percent, from 1998-2006 (see Table 3-18).
- Claimant attorney costs, adjusted for inflation, increased annually, on average, 71.96 percent and, in total, decreased 93.69 percent, from 1998-2006 (see Table 3-18).

**Table 3-18**  
**2008 Closed Claims Study**  
**Inflation-Adjusted Analysis**  
**Legal Costs for Claims for Calendar Years 1998-2006**

|                                |      | Non-Inflation<br>Adjusted<br>Median<br>Costs | Inflation<br>Adjusted<br>Median<br>Costs | Inflation<br>Adjusted<br>Average<br>Annual<br>Increase<br>1998-<br>2006 | Inflation<br>Adjusted Total<br>Increase 1998-<br>2006 |
|--------------------------------|------|--|--|---|---|
| <b>Total Attorney Costs</b>    |      |  |  | 16.23%  | 82.36%  |
|                                | 1998 | \$321  | \$396                                    |   |   |
|                                | 1999 | \$500  | \$604                                    |   |   |
|                                | 2000 | \$432  | \$505                                    |   |   |
|                                | 2001 | \$869  | \$989                                    |   |   |
|                                | 2002 | \$499  | \$559                                    |   |   |
|                                | 2003 | \$783  | \$858                                    |   |   |
|                                | 2004 | \$879  | \$938                                    |   |   |
|                                | 2005 | \$662  | \$684                                    |   |   |
|                                | 2006 | \$722  | \$722                                    |   |   |
| <b>Employer Attorney Costs</b> |      |  |  | 11.31%  | 89.25%  |
|                                | 1998 | \$302  | \$373                                    |   |   |
|                                | 1999 | \$324  | \$392                                    |   |   |
|                                | 2000 | \$382  | \$447                                    |   |   |
|                                | 2001 | \$626  | \$713                                    |   |   |
|                                | 2002 | \$495  | \$555                                    |   |   |
|                                | 2003 | \$744  | \$815                                    |   |   |
|                                | 2004 | \$759  | \$810                                    |   |   |
|                                | 2005 | \$659  | \$681                                    |   |   |
|                                | 2006 | \$706  | \$706                                    |   |   |

Source: Kansas Division of Workers Compensation

**Table 3-18 continued**  
**2008 Closed Claims Study**  
**Inflation-Adjusted Analysis**  
**Legal Costs for Claims for Calendar Years 1998-2006**

|                         | Non-Inflation Adjusted Median Costs | Inflation Adjusted Median Costs | Inflation Adjusted Average Annual Increase 1998-2006 | Inflation Adjusted Total Increase 1998-2006 |
|-------------------------|-------------------------------------|---------------------------------|--|---|
| Claimant Attorney Costs |                                     |                                 | 71.96%   | -93.69%                                     |
| 1998                    | \$1,526                             | \$1,885                         |  |   |
| 1999                    | \$2,000                             | \$2,420                         |  |   |
| 2000                    | \$2,466                             | \$2,887                         |  |   |
| 2001                    | \$2,977                             | \$3,390                         |  |   |
| 2002                    | \$500                               | \$560                           |  |   |
| 2003                    | \$2,462                             | \$2,699                         |  |   |
| 2004                    | \$12,386                            | \$13,221                        |  |   |
| 2005                    | \$2,222                             | \$2,295                         |  |   |
| 2006                    | \$119                               | \$119                           |  |   |

Source: Kansas Division of Workers Compensation

- Table 3-19 lists both real (inflation adjusted) and nominal median total costs (medical and indemnity) for calendar years 1998-2006. Inflation-adjusted total costs increased, on average, 3.98 percent yearly from 1998-2006. The inflation-adjusted total increase for the same period was 29.11 percent.

**Table 3-19**  
**2008 Closed Claims Study**  
**Inflation-Adjusted Analysis**  
**Total Costs for Claims for Calendar Years 1998-2006**

|  | Non-Inflation Adjusted Median Costs | Inflation Adjusted Median Costs | Inflation Adjusted Average Annual Increase 1998-2006 | Inflation Adjusted Total Increase 1998-2006 |
|--|-------------------------------------|---------------------------------|--|---|
| Total Indemnity & Medical Costs for all Claims |                                     |                                 | 3.98%  | 29.11%                                      |
| 1998   | \$7,396                             | \$9,136                         |  |   |
| 1999   | \$6,909                             | \$8,360                         |  |   |
| 2000   | \$7,064                             | \$8,271                         |  |   |
| 2001   | \$7,399                             | \$8,426                         |  |   |
| 2002   | \$9,148                             | \$10,252                        |  |   |
| 2003   | \$11,243                            | \$12,325                        |  |   |
| 2004   | \$9,715                             | \$10,370                        |  |   |
| 2005   | \$11,164                            | \$11,530                        |  |   |
| 2006   | \$11,796                            | \$11,796                        |  |   |

Source: Kansas Division of Workers Compensation

## Kansas Employer Workers Compensation Costs 1984-2006

The division has calculated and published standard measures of statewide employer costs for workers compensation, adjusted for inflation, for the period 1984-2006 (see Tables 3-20 to 3-23). Kansas Labor Market Information Services provided the nominal (non-inflation adjusted) wage data; Kansas Insurance Department provided the nominal insurance premiums data; and Kansas Division of Workers Compensation calculated the inflation adjustments, the increases and the ratios (premiums as a percentage of wages).

- Inflation-adjusted wages increased, on average, 2.30 percent yearly from 1984-2006, for a total increase of 64.28 percent (see Table 3-20).
- During this same period, inflation-adjusted total premiums paid for workers compensation insurance also rose, on average, 2.47 percent yearly, for a total increase of 57.04 percent (see Table 3-21).
- In Kansas from 1984-2006, inflation-adjusted premiums as a percentage of inflation-adjusted wages, a common statistic for measuring employer cost, increased at an average annual rate of only 0.27 percent; however, over the entire period, it actually decreased by 4.41 percent (see Table 3-22).
- In contrast, Table 3-23 also shows that in the entire United States from 1991-2006, inflation-adjusted premiums as a percentage of wages, decreased at an average annual rate of 0.41 percent, for a 8.30 percent decline over the entire period (data for U.S. only available from 1991-2006). Please note, however, that premiums, as a percentage of wages, are still significantly higher nationally than they are in Kansas.

**Table 3-20**  
**Kansas Workers Total Wages 1984-2006**

|                        |   |  | Inflation<br>Adjusted<br>Average<br>Annual<br>Increase<br>1984-<br>2006 | Inflation<br>Adjusted<br>Total<br>Increase<br>1984-<br>2006 |
|------------------------|---|--|---|---|
|                        | Non- Inflation Adjusted<br>Total Wages Kansas | Inflation Adjusted<br>Total Wages Kansas |   |   |
| Total Wages for Kansas |   |  | 2.30%   | 64.28%  |
| 1984                   | \$15,629,617,558                              | \$28,888,450,430                         |   |   |
| 1985                   | \$16,330,124,650                              | \$29,181,351,291                         |   |   |
| 1986                   | \$17,210,097,362                              | \$30,206,934,374                         |   |   |
| 1987                   | \$18,128,087,903                              | \$30,778,250,161                         |   |   |
| 1988                   | \$19,196,887,817                              | \$31,439,150,899                         |   |   |
| 1989                   | \$20,204,632,152                              | \$31,721,058,220                         |   |   |
| 1990                   | \$21,530,813,530                              | \$32,198,352,961                         |   |   |
| 1991                   | \$22,441,718,296                              | \$32,398,794,673                         |   |   |
| 1992                   | \$23,942,707,247                              | \$33,711,058,563                         |   |   |
| 1993                   | \$24,814,846,398                              | \$34,095,944,401                         |   |   |
| 1994                   | \$26,103,011,345                              | \$35,116,318,306                         |   |   |
| 1995                   | \$27,715,506,384                              | \$36,408,879,504                         |   |   |
| 1996                   | \$29,551,866,243                              | \$37,814,639,562                         |   |   |
| 1997                   | \$31,889,467,672                              | \$39,942,772,325                         |   |   |
| 1998                   | \$34,480,895,902                              | \$42,594,047,879                         |   |   |
| 1999                   | \$36,405,814,885                              | \$44,052,970,116                         |   |   |
| 2000                   | \$38,546,008,818                              | \$45,130,380,431                         |   |   |
| 2001                   | \$39,787,033,805                              | \$45,311,310,422                         |   |   |
| 2002                   | \$40,181,390,263                              | \$45,032,966,150                         |   |   |
| 2003                   | \$40,450,524,720                              | \$44,344,318,288                         |   |   |
| 2004                   | \$42,452,954,879                              | \$45,314,779,883                         |   |   |
| 2005                   | \$44,226,394,819                              | \$45,676,440,551                         |   |   |
| 2006                   | \$47,457,825,968                              | \$47,457,825,968                         |   |   |

Non-Inflation Adjusted Data Source: Kansas Department of Labor, Division of Labor Market Information Services

Inflation Adjustment and Increases: Kansas Division of Workers Compensation

**Table 3-21**  
**Kansas Employer Workers Compensation Premiums**  
**1984-2006**

|                                     |  | Non- Inflation Adjusted<br>Total Premiums<br>Kansas | Inflation Adjusted<br>Total Premiums<br>Kansas | Inflation<br>Adjusted<br>Average<br>Annual<br>Increase<br>1984-<br>2006 | Inflation<br>Adjusted<br>Total<br>Increase<br>1984-<br>2006 |
|-------------------------------------|--|---|--|---|---|
| Total Premiums Earned for<br>Kansas |  |   |  | 2.47%   | 57.04%  |
| 1984                                |  | \$140,223,325                                       | \$259,176,820                                  |   |   |
| 1985                                |  | \$170,955,138                                       | \$305,490,744                                  |   |   |
| 1986                                |  | \$202,033,619                                       | \$354,606,725                                  |   |   |
| 1987                                |  | \$222,846,661                                       | \$378,353,763                                  |   |   |
| 1988                                |  | \$259,548,305                                       | \$425,067,772                                  |   |   |
| 1989                                |  | \$263,386,009                                       | \$413,513,241                                  |   |   |
| 1990                                |  | \$293,048,038                                       | \$438,240,020                                  |   |   |
| 1991                                |  | \$337,125,586                                       | \$486,703,491                                  |   |   |
| 1992                                |  | \$363,578,560                                       | \$511,914,463                                  |   |   |
| 1993                                |  | \$365,646,558                                       | \$502,403,461                                  |   |   |
| 1994                                |  | \$312,116,539                                       | \$419,889,628                                  |   |   |
| 1995                                |  | \$322,205,785                                       | \$423,270,332                                  |   |   |
| 1996                                |  | \$282,897,458                                       | \$361,996,272                                  |   |   |
| 1997                                |  | \$261,895,503                                       | \$328,034,088                                  |   |   |
| 1998                                |  | \$261,594,835                                       | \$323,146,561                                  |   |   |
| 1999                                |  | \$252,545,287                                       | \$305,593,214                                  |   |   |
| 2000                                |  | \$247,235,161                                       | \$289,467,502                                  |   |   |
| 2001                                |  | \$269,386,691                                       | \$306,789,997                                  |   |   |
| 2002                                |  | \$307,451,748                                       | \$344,574,045                                  |   |   |
| 2003                                |  | \$324,780,102                                       | \$356,043,644                                  |   |   |
| 2004                                |  | \$355,877,798                                       | \$379,868,118                                  |   |   |
| 2005                                |  | \$383,363,217                                       | \$395,932,503                                  |   |   |
| 2006                                |  | \$407,004,920                                       | \$407,004,920                                  |   |   |

Non-Inflation Adjusted Premiums Data Source: Kansas Insurance Department

Inflation Adjustment and Increases: Kansas Division of Workers Compensation



**Table 3-22**  
**Employer Workers Compensation Costs**  
**Kansas 1984-2006**

|  | Premiums as % of<br>Inflation Adjusted<br>Total Wages | Average<br>Annual<br>Increase<br>1984-2006 | Total<br>Increase<br>1984-<br>2006* |
|--|---|--|-------------------------------------|
| Premiums as a Percent of Total<br>Kansas Wages |   | 0.27%                                      | -4.41%                              |
| 1984   | 0.90%   |  |                                     |
| 1985   | 1.05%   |  |                                     |
| 1986   | 1.17%   |  |                                     |
| 1987   | 1.23%   |  |                                     |
| 1988   | 1.35%   |  |                                     |
| 1989   | 1.30%   |  |                                     |
| 1990   | 1.36%   |  |                                     |
| 1991   | 1.50%   |  |                                     |
| 1992   | 1.52%   |  |                                     |
| 1993   | 1.47%   |  |                                     |
| 1994   | 1.20%   |  |                                     |
| 1995   | 1.16%   |  |                                     |
| 1996   | 0.96%   |  |                                     |
| 1997   | 0.82%   |  |                                     |
| 1998   | 0.76%   |  |                                     |
| 1999   | 0.69%   |  |                                     |
| 2000   | 0.64%   |  |                                     |
| 2001   | 0.68%   |  |                                     |
| 2002   | 0.77%   |  |                                     |
| 2003   | 0.80%   |  |                                     |
| 2004   | 0.84%   |  |                                     |
| 2005   | 0.87%   |  |                                     |
| 2006   | 0.86%   |  |                                     |

\*Negative percentage indicates a decrease

Source: Kansas Division of Workers Compensation

**Table 3-23**  
**Employer Workers Compensation Costs**  
**United States 1991-2006\***

|  | Premiums as % of<br>Inflation Adjusted<br>Total Wages | Average<br>Annual<br>Increase<br>1991-2006** | Total<br>Increase<br>1991-<br>2006** |
|--|---|--|--------------------------------------|
| Premiums as a Percent of Total<br>U.S. Wages |   | -0.41%                                       | -8.30%                               |
| 1991   | 2.41%   |  |                                      |
| 1992   | 2.52%   |  |                                      |
| 1993   | 2.66%   |  |                                      |
| 1994   | 2.67%   |  |                                      |
| 1995   | 2.60%   |  |                                      |
| 1996   | 2.52%   |  |                                      |
| 1997   | 2.44%   |  |                                      |
| 1998   | 2.17%   |  |                                      |
| 1999   | 2.11%   |  |                                      |
| 2000   | 1.90%   |  |                                      |
| 2001   | 1.87%   |  |                                      |
| 2002   | 1.93%   |  |                                      |
| 2003   | 2.09%   |  |                                      |
| 2004   | 2.26%   |  |                                      |
| 2005   | 2.31%   |  |                                      |
| 2006   | 2.21%   |  |                                      |

\* U.S. data only available from 1991 and later

\*\* Negative percentage indicates a decrease

Source: John F. Burton Jr., *Workers' Compensation Costs for Employers 1986 to 2005* (Workers' Compensation Policy Review, vol 6, issue 2, March/April 2006); pp. 3-21.

# **Appendix A**

## **Technical Notes: Occupational Injury and Illness Incidence Rates and Closed Claims Study**

## Occupational Injury and Illness Incidence Rates

**BLS Survey of Occupational Injuries and Illnesses:** The Bureau of Labor Statistics (BLS), with the help of the state agencies, selects a non-proportional stratified probability sample of employment establishments and mails them questionnaires. Employers are instructed to record all nonfatal employee injury and illness incidents, number of days away from work for each recorded injury/illness, the number of employee hours worked and the establishment's average employment. Participants in the annual survey consist of employers who maintain Occupational Safety and Health Administration (OSHA) records on employee injuries and illnesses on a regular basis under federal law and smaller employers who are exempt from OSHA record keeping requirements. The survey "excludes the self-employed; farms with fewer than 11 employees; private households; federal government agencies; and, for national estimates, employees in state and local government agencies."<sup>13</sup> Some states are experimenting with collecting data from the public sector,<sup>14</sup> but Kansas Labor Market Information Services does not currently do so.

The data collection process differs for the employers who maintain Occupational Safety and Health Administration (OSHA) records on employee injuries and illnesses on a regular basis under federal law and those that are exempt from OSHA record keeping requirements. The former are mailed a questionnaire in February following the survey year and are asked to transfer from their records all injuries and illnesses incurred as well as demographic and hours worked data. The latter, exempt employers (those with fewer than 11 employees and those designated as "low-hazard industries" by OSHA) are notified in December of the prior year (e.g., contacted in December of 2000 to record injuries for the 2001 survey) that they have been chosen to participate in the survey and must keep records of all employee injuries. The participating state agencies are responsible for collecting data from employers within their jurisdiction and for submitting these questionnaires to BLS for analysis.

The BLS uses its incidence rates as a benchmark to compare the frequency of injuries and illnesses occurring within jurisdictions, industries or specific occupations for a calendar year. The variable "Total Injuries and Illnesses per 100 Full-time workers" is the most widely quoted incidence rate, and reflects the incidence rate of "total recordable cases." BLS defines "recordable cases" as follows:

**Recordable cases include** work-related injuries and illnesses that result in:

- Death
- Loss of consciousness
- Days away from work
- Restricted work activity or job transfer
- Medical treatment (beyond first aid)

<sup>13</sup> BLS, 2005 News Release: *Workplace Injuries and Illnesses in 2005*, <http://stats.bls.gov/news.release/pdf/osh.pdf>.

<sup>14</sup> E.g., Christine Baker, *Trends in Occupational Injuries and Illnesses: USA and California*, IAIABC Journal, Vol. 44 No. 1, 151, 169 (Spring 2007) (explaining that the California Division of Labor Statistics and Research (DSLRS) surveys approximately 800 public sector employers).

- Significant work related injuries or illnesses that are diagnosed by a physician or other licensed health care professional. These include any work related case involving cancer, chronic irreversible disease, a fractured or cracked bone, or a punctured eardrum.
- Additional criteria that can result in a recordable case include:
  - Any needlestick injury or cut from a sharp object that is contaminated with another person's blood or other potentially infectious material.
  - Any case requiring an employee to be medically removed under the requirements of an OSHA health standard.
  - Tuberculosis infection as evidenced by a positive skin test or diagnosis by a physician or other licensed health care professional after exposure to a known case of active tuberculosis.
  - An employee's hearing test (audiogram) reveals 1) that the employee has experienced a Standard Threshold Shift (STS) in hearing in one or both ears (averaged at 2000, 3000, and 4000 Hz) and 2) the employee's total hearing level is 25 decibels (dB) or more above the audiometric zero (also averaged at 2000, 3000, and 4000 Hz) in the same ear(s) as the STS.

**The incidence rate is calculated as follows:**

**Formula:**  $IR = (N/EH) \times 200,000$

IR = Incidence Rate

N = total number of occupational injuries and/or illnesses

EH = total hours worked by all [private industry] employees during the calendar year

200,000 = Base for 100 full-time equivalent workers (working 40 hours per week, 50 weeks per year)<sup>15</sup>

**Kansas Occupational Injury and Illness Incidence Rates:** The division collects data on the entire population of workplace injuries and illnesses in the state of Kansas through its first report of injury form and stores it in its relational database. Every employer covered under the Workers Compensation Act that has workplace injuries must submit first reports of injury. The severity of each occupational accident or illness and the industrial classification code are mandatory data elements that must be reported by employers to the state. The severity of each accident or illness is exhibited by the numerical code representing the following severity categories: 0-No time lost, 1-Time lost and 2- Fatality. The division's analysts utilized the BLS statistical formula (see above) to calculate the incidence of injury for each severity classification for Kansas's non-federal employment hours for the past ten fiscal years. Injury and illness data was obtained from the Division of Workers Compensation, and the employment hour data used in the division's calculation of incidence rates was obtained from the Kansas Labor Market Information Services.

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<sup>15</sup> Bureau of Labor Statistics, *Occupational Safety and Health Definitions*, <http://stats.bls.gov/iif/oshdef.htm>.

## Kansas Closed Claims Study (CCS) Methodology

The following is a description of the methodology used by the Technology and Statistics section of the division for the 2007 Closed Claims Study (CCS).

**Sample Design:** Rather than collecting data from the entire population of claims for a calendar year, which would be impractical (as it would result in very large data sets), extremely expensive and labor intensive, the division's researchers used a random sample from the population and make valid inferences about its characteristics using reliable and credible statistical techniques.

The Workers Compensation division must have a sample that is sufficiently large and accurately representative of the population in order to perform relevant statistical inference. The sample must also preserve the power of equal probability associated with simple random sampling for statistical purposes. This enables the researchers to process the statistics without having to weigh different variables differently. Simple random sampling will not work with this data because carriers with higher paid losses tend to have a higher proportion of paid loss claims, making the distribution of paid loss claims unevenly distributed. In order to sample a larger percentage of those carriers, the division utilizes a two-stage type of probability sampling procedure known as "disproportionate stratified sampling." That procedure ensures that different groups within the loss claims population will be adequately represented in the sample.

The general strategy employed is to first create strata (subsets of the total population) that are more homogeneous than the population as a whole, and then to sample a different fraction of insurers within each strata. Then, when recombined through analysis, the resulting sample will be reasonably representative of the more heterogeneous total population. The population was stratified according to paid losses. The specific variable used to stratify the population was a percent of total paid losses for all workers compensation claims in the state of Kansas. Subsequent to stratification, the division selected carriers from each stratum by utilizing a random number generator. All carriers in any particular stratum had the same chance of being selected as any other carrier in the same stratum. The selected carriers were asked to randomly select claims from their own databases that met the CCS study criteria.

**Data Collection:** The organizations included in the study were then asked by the division to randomly sample from their databases approximately 200 (or less, if they did not have 200) claims for the specified calendar year. The sample was to be taken from each entity's pool of claims, including both medical and indemnity payments. Each claim in the sample also was required to have been open at least one day during the period of January 1, 2007, to December 31, 2007.

The division secured permission from the National Council on Compensation Insurance to print and use the Detailed Claim Information (DCI) survey instrument in order to create data definitions and structure for the Kansas Closed Claims Study survey. DCI is a national standard for reporting comprehensive claim data from insurance carriers. Adhering to the DCI structure, programmers in the Kansas Department of Labor created two software packages to assist reporting entities. One package was a manual entry system; the other application allowed a text file to be imported electronically. Both products included editing limitations on inputs to certain

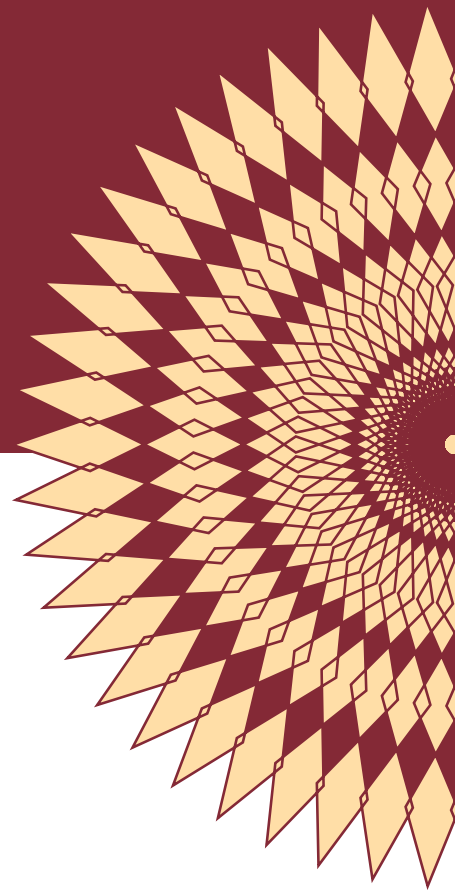
data fields. In addition, the division's analysts performed data scrubbing on the data sets to ensure that accurate aggregate statistics were reported to the legislature.

**Response Rate:** Non-response bias is always a threat to the accuracy of a sample because non-respondents may differ significantly from survey respondents. Typically, in any study such as this one, certain organizations do not respond due to various circumstances, including, but not limited to, bankruptcy, refusal to answer or lost forms. This year, however, all participants responded, thus the statistics do not need to be adjusted to reflect a non-response rate.

**Adjusting for Inflation:** In order to compare claim costs over time, the division utilized standard statistical procedures to adjust past costs for the effects of inflation. Every year, the value of the dollar to the average American consumer is driven down by inflation. This makes comparison of costs from year to year difficult to accurately interpret because the value of the dollar does not remain constant. In order to remedy this situation, the Bureau of Labor Statistics (BLS) has produced multiplying factors that are meant to "even out" cost data. These factors are referred to as Consumer Price Indexes and when used properly in an inflation adjustment formula, allow the researcher to represent each year's costs with a consistent dollar value.

Over the last 25 years, the BLS has made numerous improvements to the CPI-U (Consumer Price Index for All Urban Consumers), making it a more accurate conversion factor for comparing costs over time. However, because the CPI-U is tied to federal income tax brackets, Social Security benefits, wage levels specified in collective bargaining agreements, government programs and private contracts, it would be impracticable for the BLS to update older CPI-U's to reflect the changes. Therefore, the researcher is not able to represent costs over time in a consistent dollar value by using the CPI-U. The CPI-U is thus better situated for converting specific costs for simple comparisons and not for analyzing time series data.

In order to remedy the situation for the researcher, the BLS has developed the Consumer Price Index for All Urban Consumers Research Series (CPI-U-RS). This series, built exclusively for researchers doing time series analyses, allows the researcher to represent cost figures that reflect estimates of what inflation would have been if it had been measured using current CPI-U methods since 1978. The CPI-U-RS incorporates most of the improvements made to the CPI-U over time, however it has some limitations. The estimates are based on research covering a short time and extrapolated to a longer time period. Additionally, some of the improvements haven't been included for various reasons. In spite of these limitations, the CPI-U-RS is the most detailed and systematic estimate available of a consistent CPI series. CPI-U-RS is utilized by the Division of Workers Compensation for adjusting all costs for inflation from 1998-2006.



**Kansas Department of Labor  
Division of Workers Compensation  
800 S.W. Jackson Street, Suite 600  
Topeka, KS 66612-1227**